Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

29 May 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24E0444	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2024.05.29 16:30:35 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24E0444	Turn-around Requested: 3 Day	Date: 5/20/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-355A-052024	05/20/24	13:25	Soil	1	✔	✔							
SO-TC-355B-052024	05/20/24	13:40	Soil	1	✔	✔							
SO-TC-355C-052024	05/20/24	13:55	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Roman M.	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/20/2024 16:11	Date & Time: 5/20/24 1611	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-355A-052024	24E0444-01	Solid	20-May-2024 13:25	20-May-2024 16:11
SO-TC-355B-052024	24E0444-02	Solid	20-May-2024 13:40	20-May-2024 16:11
SO-TC-355C-052024	24E0444-03	Solid	20-May-2024 13:55	20-May-2024 16:11

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24E0444

Sample receipt

Sample(s) as listed on the preceding page were received 20-May-2024 16: 11 under ARI work order 24E0444. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24E0444 Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1611 25.6°

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 9708

Cooler Accepted by: Date: 5/20/24 Time: 1611

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: Anthony G. Date: 5/20/24 Time: 16:17 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24E0444

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type
25.6°		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 5/20/24 Time: 1611

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

SO-TC-355A-052024

24E0444-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/20/2024 13:25
Instrument: ICP3 Analyst: SH — Analyzed: 05/28/2024 19:33

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0444-01 A 02
Preparation Batch: BME0539 — Sample Size: 25 mL (wet)
Prepared: 05/22/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0710	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

SO-TC-355A-052024

24E0444-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/20/2024 13:25

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/23/2024 15:47

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0444-01 A

Preparation Batch: BME0598 — Sample Size: 20.43 g (wet)

Prepared: 05/23/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.04	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

SO-TC-355B-052024

24E0444-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/20/2024 13:40

Instrument: ICP3 Analyst: SH — Analyzed: 05/28/2024 19:36

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0444-02 A 02

Preparation Batch: BME0539 — Sample Size: 25 mL (wet)

Prepared: 05/22/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0790	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

SO-TC-355B-052024

24E0444-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/20/2024 13:40

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/23/2024 15:47

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0444-02 A

Preparation Batch: BME0598 — Sample Size: 20.58 g (wet)

Prepared: 05/23/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.93	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

SO-TC-355C-052024

24E0444-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/20/2024 13:55

Instrument: ICP3 Analyst: SH — Analyzed: 05/28/2024 19:39

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0444-03 A 02

Preparation Batch: BME0539 — Sample Size: 25 mL (wet)

Prepared: 05/22/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0715	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

SO-TC-355C-052024

24E0444-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/20/2024 13:55

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/23/2024 15:47

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0444-03 A

Preparation Batch: BME0598 — Sample Size: 20.04 g (wet)

Prepared: 05/23/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.08	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BME0539 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BME0539-BLK1)	Prepared: 22-May-2024 Analyzed: 28-May-2024 19:30										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BME0598 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BME0598-BS1)				Prepared: 23-May-2024 Analyzed: 23-May-2024 15:47							
pH	7.01	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BME0598-DUP1)		**Source: 24E0444-01**		Prepared: 23-May-2024 Analyzed: 23-May-2024 15:47							
pH	8.97	0.01	0.01	pH Units		9.04			0.78	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

29 May 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24E0483	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.05.29 16:39:47 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24E0483	Turn-around Requested: 3 Day	Date: 5/21/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 16.4
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-356A-052124	05/21/24	14:15	Soil	1	✔	✔	
SO-TC-356B-052124	05/21/24	14:30	Soil	1	✔	✔	
SO-TC-356C-052124	05/21/24	14:45	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	5/21/2024 1631				05/21/24 1631								

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-356A-052124	24E0483-01	Solid	21-May-2024 14:15	21-May-2024 16:31
SO-TC-356B-052124	24E0483-02	Solid	21-May-2024 14:30	21-May-2024 16:31
SO-TC-356C-052124	24E0483-03	Solid	21-May-2024 14:45	21-May-2024 16:31

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24E0483

Sample receipt

Sample(s) as listed on the preceding page were received 21-May-2024 16:31 under ARI work order 24E0483. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24E0483 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 16.4°C

Time 1631

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 509708

Cooler Accepted by: MG Date: 05/21/24 Time: 1637

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: ESK Date: 5/21/24 Time: 17:17 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24E0483

Cooler#: / **Temperature(°C):** 16.4°C

Sample ID	Bottle Count	Bottle Type
samples received above 6.0°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: MD Date: 05/4/24 Time: 1651

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

SO-TC-356A-052124

24E0483-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/21/2024 14:15
Instrument: ICP3 Analyst: SH — Analyzed: 05/28/2024 18:58

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0483-01 A 02
Preparation Batch: BME0582 — Sample Size: 25 mL (wet)
Prepared: 05/23/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0755	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

SO-TC-356A-052124

24E0483-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/21/2024 14:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/23/2024 15:47

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0483-01 A

Preparation Batch: BME0598 — Sample Size: 20.88 g (wet)

Prepared: 05/23/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.19	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

SO-TC-356B-052124

24E0483-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/21/2024 14:30

Instrument: ICP3 Analyst: SH — Analyzed: 05/28/2024 18:52

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0483-02 A 02

Preparation Batch: BME0582 — Sample Size: 25 mL (wet)

Prepared: 05/23/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0655	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

SO-TC-356B-052124

24E0483-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/21/2024 14:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/23/2024 15:47

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0483-02 A

Preparation Batch: BME0598 — Sample Size: 20.03 g (wet)

Prepared: 05/23/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.14	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

SO-TC-356C-052124

24E0483-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/21/2024 14:45

Instrument: ICP3 Analyst: SH — Analyzed: 05/28/2024 18:55

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0483-03 A 02

Preparation Batch: BME0582 — Sample Size: 25 mL (wet)

Prepared: 05/23/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0745	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.484	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

SO-TC-356C-052124

24E0483-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/21/2024 14:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/23/2024 15:47

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0483-03 A

Preparation Batch: BME0598 — Sample Size: 20.53 g (wet)

Prepared: 05/23/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.00	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BME0582 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BME0582-BLK1)				Prepared: 23-May-2024 Analyzed: 28-May-2024 18:49							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BME0582-DUP1)		**Source: 24E0483-01**		Prepared: 23-May-2024 Analyzed: 28-May-2024 19:01							
Arsenic	0.0815	0.0140	0.250	mg/L		0.0755			7.64	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BME0582-MS1)		**Source: 24E0483-01**		Prepared: 23-May-2024 Analyzed: 28-May-2024 19:04							
Arsenic	4.17	0.0140	0.250	mg/L	4.00	0.0755	102	75-125			
Lead	3.78	0.0065	0.100	mg/L	4.00	ND	94.6	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BME0598-BS1)				Prepared: 23-May-2024 Analyzed: 23-May-2024 15:47							
pH	7.01	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Outlook

RE: Three data packages for your consideration

From Robbie Grieco <RGrieco@tpchd.org>
Date Fri 6/7/2024 8:18 AM
To kking perc-nw.com <kking@perc-nw.com>; Keith Johnston <KJohnston@tpchd.org>; EH SolidWaste <EHSolidWaste@tpchd.org>
Cc JEFFREY KING <jking@percnw.com>

Kerry,

I have reviewed the data and these soils are appropriate for disposal under WDA 2793R.

Best Regards,

Robbie Grieco
Environmental Health Specialist I - Waste Management
Environmental Health Department
(253) 649-1892 o • rgrieco@tpchd.org • www.tpchd.org

Tacoma-Pierce County Health Department
Healthy People in Healthy Communities

tpchd.org | Facebook | Instagram | X | YouTube

From: kking perc-nw.com <kking@perc-nw.com>
Sent: Friday, June 7, 2024 5:22 AM
To: Keith Johnston <KJohnston@tpchd.org>; Robbie Grieco <RGrieco@tpchd.org>; EH SolidWaste <EHSolidWaste@tpchd.org>
Cc: JEFFREY KING <jking@percnw.com>
Subject: Three data packages for your consideration

CAUTION: External Email - Verify contents

Keith and Robbie:

Attached are 3 data packages for your review and approval. Each of the samples are for soil excavated during the remediation of the Superlon Site in Tacoma. Each sample represents approximately 21 cubic yards of soil. **To be clear we are NOT asking for approval for sample SO-TC-357C-052224.** The soil that this sample represents (and the soil adjacent to it (2') in the stockpile) are being re-treated to lower leachability. We are only asking for permission to dispose of the other soil samples at the LRI landfill under permit number WDA 2793R. The following table presents the data.

SAMPLE ID	Arsenic Concentration (TCLP) mg/L	Lead Concentration (TCLP) mg/L	pH	Request
SO-TC-357A-052224	0.12	1.64	9.37	Asking for approval

SO-TC-357B-052224	0.0515	0.296	9.52	Asking for approval
SO-TC-357C-052224	0.0915	9.63	9.2	Not asking for approval - Soil will be retreated per instructions in email
SO-TC-358A-052824	0.0745	ND	9.13	Asking for approval
SO-TC-358B-052824	0.018	0.242	9.04	Asking for approval
SO-TC-358C-052824	0.025	0.286	9.05	Asking for approval
SO-TC-359A-052924	0.06	0.021	8.94	Asking for approval
SO-TC-359B-052924	0.07	ND	9.06	Asking for approval
SO-TC-359C-052924	0.0885	0.122	8.97	Asking for approval

Thanks,
Kenny

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

31 May 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24E0516	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24E0516	Turn-around Requested: 3 Day	Date: 5/22/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: Cooler Temps:	
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-357A-052224	05/22/24	14:45	Soil	1	✔	✔							
SO-TC-357B-052224	05/22/24	15:00	Soil	1	✔	✔							
SO-TC-357C-052224	05/22/24	15:15	Soil	1	✔	✔							

Analysis Requested

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Sarah Carr	Printed Name:	Printed Name:
	Company: PERC	Company: ARLLC	Company:	Company:
	Date & Time: 5/22/2024 16:26	Date & Time: 5/22/2024 16:26	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	31-May-2024 08:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-357A-052224	24E0516-01	Solid	22-May-2024 14:45	22-May-2024 16:26
SO-TC-357B-052224	24E0516-02	Solid	22-May-2024 15:00	22-May-2024 16:26
SO-TC-357C-052224	24E0516-03	Solid	22-May-2024 15:15	22-May-2024 16:26

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-May-2024 08:17

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24E0516

Sample receipt

The sample(s) as listed on the preceding page were received 22-May-2024 16:26 under ARI work order 24E0516. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Kenny King — Project Name: Superlon Plastics

COC No(s): _____ (NA) — Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 24E0516 — Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry): 24.9

Time: 16:26

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: 9708

Cooler Accepted by: [signature] Date: 5/22/24 Time: 16:26

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA	_____	

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: Anthony G Date: 5/23/24 Time: 9:25 Labels checked by: _____

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By _____ Date: _____

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24E0516

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type
Sample temp. above 6°C at arrival		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 5/22/24 Time: 1120

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-May-2024 08:17

SO-TC-357A-052224

24E0516-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/22/2024 14:45
Instrument: ICP3 Analyst: SH — Analyzed: 05/29/2024 20:50

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0516-01 A 02
Preparation Batch: BME0655 — Sample Size: 25 mL (wet)
Prepared: 05/25/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.120	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	1.64	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-May-2024 08:17

SO-TC-357A-052224

24E0516-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/22/2024 14:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/23/2024 15:47

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0516-01 A

Preparation Batch: BME0598 — Sample Size: 20.52 g (wet)

Prepared: 05/23/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.37	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-May-2024 08:17

SO-TC-357B-052224

24E0516-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/22/2024 15:00

Instrument: ICP3 Analyst: SH — Analyzed: 05/29/2024 20:41

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0516-02 A 02

Preparation Batch: BME0655 — Sample Size: 25 mL (wet)

Prepared: 05/25/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0515	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.296	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-May-2024 08:17

SO-TC-357B-052224

24E0516-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/22/2024 15:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/23/2024 15:47

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0516-02 A

Preparation Batch: BME0598 — Sample Size: 20.45 g (wet)

Prepared: 05/23/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.52	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-May-2024 08:17

SO-TC-357C-052224

24E0516-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/22/2024 15:15

Instrument: ICP3 Analyst: SH — Analyzed: 05/29/2024 20:47

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0516-03 A 02

Preparation Batch: BME0655 — Sample Size: 25 mL (wet)

Prepared: 05/25/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0915	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	9.63	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-May-2024 08:17

SO-TC-357C-052224

24E0516-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/22/2024 15:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/23/2024 15:47

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0516-03 A

Preparation Batch: BME0598 — Sample Size: 20.22 g (wet)

Prepared: 05/23/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.20	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-May-2024 08:17

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BME0655 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BME0655-BLK1)				Prepared: 25-May-2024 Analyzed: 29-May-2024 20:37							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BME0655-DUP1)		**Source: 24E0516-01**		Prepared: 25-May-2024 Analyzed: 29-May-2024 20:53							
Arsenic	0.119	0.0140	0.250	mg/L		0.120			0.84	20	J
Lead	1.60	0.0065	0.100	mg/L		1.64			2.04	20	
Matrix Spike (BME0655-MS1)		**Source: 24E0516-01**		Prepared: 25-May-2024 Analyzed: 29-May-2024 20:56							
Arsenic	4.10	0.0140	0.250	mg/L	4.00	0.120	99.6	75-125			
Lead	5.35	0.0065	0.100	mg/L	4.00	1.64	92.8	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-May-2024 08:17

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BME0598-BS1)				Prepared: 23-May-2024 Analyzed: 23-May-2024 15:47							
pH	7.01	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-May-2024 08:17

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-May-2024 08:17

Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

04 June 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24E0622	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.06.04 14:41:31 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24E0622	Turn-around Requested: 3 Day	Date: 5/28/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-358A-052824	05/28/24	09:00	Soil	1	✔	✔	
SO-TC-358B-052824	05/28/24	09:15	Soil	1	✔	✔	
SO-TC-358C-052824	05/28/24	09:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Roman M.	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/28/2024 16:18	Date & Time: 5/28/24 1618	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-358A-052824	24E0622-01	Solid	28-May-2024 09:00	28-May-2024 16:18
SO-TC-358B-052824	24E0622-02	Solid	28-May-2024 09:15	28-May-2024 16:18
SO-TC-358C-052824	24E0622-03	Solid	28-May-2024 09:30	28-May-2024 16:18

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24E0622

Sample receipt

The sample(s) as listed on the preceding page were received 28-May-2024 16:18 under ARI work order 24E0622. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24E0622 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1618 20.8°

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 9878

Cooler Accepted by: Date: 5/28/24 Time: 1618

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: Date: 5/28/24 Time: 10:42 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

SO-TC-358A-052824

24E0622-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/28/2024 09:00
Instrument: ICP3 Analyst: DOE — Analyzed: 05/31/2024 09:47

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0622-01 A 02
Preparation Batch: BME0762 — Sample Size: 25 mL (wet)
Prepared: 05/30/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0745	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

SO-TC-358A-052824

24E0622-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/28/2024 09:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/03/2024 15:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0622-01 A

Preparation Batch: BME0821 — Sample Size: 20.5341 g (wet)

Prepared: 05/31/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.13	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

SO-TC-358B-052824

24E0622-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/28/2024 09:15

Instrument: ICP3 Analyst: DOE — Analyzed: 05/31/2024 09:50

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0622-02 A 02

Preparation Batch: BME0762 — Sample Size: 25 mL (wet)

Prepared: 05/30/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0180	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.242	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

SO-TC-358B-052824

24E0622-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/28/2024 09:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/03/2024 15:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0622-02 A

Preparation Batch: BME0821 — Sample Size: 20.277 g (wet)

Prepared: 05/31/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.04	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

SO-TC-358C-052824

24E0622-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/28/2024 09:30

Instrument: ICP3 Analyst: DOE — Analyzed: 05/31/2024 09:53

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0622-03 A 02

Preparation Batch: BME0762 — Sample Size: 25 mL (wet)

Prepared: 05/30/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0250	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.286	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

SO-TC-358C-052824

24E0622-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/28/2024 09:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/03/2024 15:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0622-03 A

Preparation Batch: BME0821 — Sample Size: 20.0589 g (wet)

Prepared: 05/31/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.05	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BME0762 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BME0762-BLK1)	Prepared: 30-May-2024 Analyzed: 31-May-2024 08:45										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BME0821-BS1)				Prepared: 31-May-2024 Analyzed: 03-Jun-2024 15:38							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

06 June 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24E0653	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.06.06 10:22:41 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24E0653	Turn-around Requested: 3 Day	Date: 05/29/24	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: Cooler Temps:	
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-359A-052924	05/29/24	10:00	Soil	1	✔	✔	
SO-TC-359B-052924	05/29/24	10:15	Soil	1	✔	✔	
SO-TC-359C-052924	05/29/24	10:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Jeff King	Printed Name: Emma Stewart	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/29/24 12:21	Date & Time: 5/29/24 12:21	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-359A-052924	24E0653-01	Solid	29-May-2024 10:00	29-May-2024 12:21
SO-TC-359B-052924	24E0653-02	Solid	29-May-2024 10:15	29-May-2024 12:21
SO-TC-359C-052924	24E0653-03	Solid	29-May-2024 10:30	29-May-2024 12:21

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24E0653

Sample receipt

The sample(s) as listed on the preceding page were received 29-May-2024 12:21 under ARI work order 24E0653. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: SUPERLON PLASTICS

COC No(s): (NA)

Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other: ____

Assigned ARI Job No: 24E0653

Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 12:21 — 21.0

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 811

Cooler Accepted by: E.St Date: 5/29/24 Time: 12:21

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: ____		
Was sufficient ice used (if appropriate)?	(NA)	YES	NO
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)	____	

Were the sample(s) split by ARI? (NA) YES Date/Time: ____ Equipment: ____ Split by: ____

Samples Logged by: Anthony G. Date: 5/29/24 Time: 12:27 Labels checked by: ____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

SO-TC-359A-052924

24E0653-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/29/2024 10:00

Instrument: ICP3 Analyst: SH — Analyzed: 06/04/2024 16:00

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0653-01 A 02

Preparation Batch: BME0806 — Sample Size: 25 mL (wet)

Prepared: 05/31/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0600	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0210	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

SO-TC-359A-052924

24E0653-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/29/2024 10:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/03/2024 15:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0653-01 A

Preparation Batch: BME0821 — Sample Size: 20.0169 g (wet)

Prepared: 05/31/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.94	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

SO-TC-359B-052924

24E0653-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/29/2024 10:15

Instrument: ICP3 Analyst: SH — Analyzed: 06/04/2024 16:04

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0653-02 A 02

Preparation Batch: BME0806 — Sample Size: 25 mL (wet)

Prepared: 05/31/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0700	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

SO-TC-359B-052924

24E0653-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/29/2024 10:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/03/2024 15:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0653-02 A

Preparation Batch: BME0821 — Sample Size: 20.8511 g (wet)

Prepared: 05/31/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.06	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

SO-TC-359C-052924

24E0653-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/29/2024 10:30

Instrument: ICP3 Analyst: SH — Analyzed: 06/04/2024 16:07

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0653-03 A 02

Preparation Batch: BME0806 — Sample Size: 25 mL (wet)

Prepared: 05/31/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0885	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.122	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

SO-TC-359C-052924

24E0653-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/29/2024 10:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/03/2024 15:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0653-03 A

Preparation Batch: BME0821 — Sample Size: 20.1701 g (wet)

Prepared: 05/31/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.97	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BME0806 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BME0806-BLK1)				Prepared: 31-May-2024 Analyzed: 04-Jun-2024 15:53							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BME0821-BS1)				Prepared: 31-May-2024 Analyzed: 03-Jun-2024 15:38							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Outlook

RE: Three data packages for your consideration

From Trevor Priestley <TPriestley@tpchd.org>
on behalf of
EH SolidWaste <EHSolidWaste@tpchd.org>
Date Fri 6/14/2024 1:56 PM
To kking perc-nw.com <kking@perc-nw.com>
Cc JEFFREY KING <jking@percnw.com>; Robbie Grieco <RGrieco@tpchd.org>; Keith Johnston <KJohnston@tpchd.org>; EH SolidWaste <EHSolidWaste@tpchd.org>

Hi Kenny,
I have reviewed the data and these soils are appropriate for disposal under WDA 2793R. Moving forward, please send your requests to our EH SolidWaste email address only. We have staff monitoring the inbox regularly and will respond.

Thank you,

Trevor Priestley (he/him)
Environmental Health Specialist III
Waste Management
(253) 649-1842 o • (253) 377-5471 c
tpriestley@tpchd.org

Tacoma-Pierce County Health Department
Healthy People in Healthy Communities

tpchd.org | Facebook | Instagram | X | YouTube

From: kking perc-nw.com <kking@perc-nw.com>
Sent: Friday, June 14, 2024 9:31 AM
To: Robbie Grieco <RGrieco@tpchd.org>; Keith Johnston <KJohnston@tpchd.org>; EH SolidWaste <EHSolidWaste@tpchd.org>
Cc: JEFFREY KING <jking@percnw.com>
Subject: Three data packages for your consideration

CAUTION: External Email - Verify contents

Hi Keith and Robbie,

The attached data, shown and summarized below, are for soil excavated during the remediation of the Superlon Site in Tacoma. Each sample represents approximately 21 cubic yards of soil. We are asking for permission to dispose of this soil at the LRI landfill under permit number WDA 2793R.

SAMPLE ID	Arsenic Concentration (TCLP) mg/L	Lead Concentration (TCLP) mg/L	pH	Request
SO-TC-360A-060324	0.066	ND	9.05	Asking for approval
SO-TC-360B-060324	0.078	ND	8.91	Asking for approval
SO-TC-360C-060324	0.0505	ND	8.94	Asking for approval
SO-TC-361A-060424	0.078	ND	9.01	Asking for approval
SO-TC-361B-060424	0.101	ND	9.12	Asking for approval
SO-TC-361C-060424	0.109	ND	9.11	Asking for approval
SO-TC-362A-060524	0.141	0.146	8.98	Asking for approval
SO-TC-362B-060524	0.376	ND	8.99	Asking for approval
SO-TC-362C-060524	0.13	ND	8.92	Asking for approval

Thanks,
Kenny

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

11 June 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24F0031	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2024.06.11 17:05:24 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24F0031	Turn-around Requested: 3 Day	Date: 6/3/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-360A-060324	06/03/24	11:30	Soil	1	✔	✔	
SO-TC-360B-060324	06/03/24	11:45	Soil	1	✔	✔	
SO-TC-360C-060324	06/03/24	12:00	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Sydn. Acevedo	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/3/2024 16:16	Date & Time: 06/03/24 16:16	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-360A-060324	24F0031-01	Solid	03-Jun-2024 11:30	03-Jun-2024 16:16
SO-TC-360B-060324	24F0031-02	Solid	03-Jun-2024 11:45	03-Jun-2024 16:16
SO-TC-360C-060324	24F0031-03	Solid	03-Jun-2024 12:00	03-Jun-2024 16:16

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24F0031

Sample receipt

The sample(s) as listed on the preceding page were received 03-Jun-2024 16:16 under ARI work order 24F0031. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) was within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Kenny King Project Name: Superlon Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 24F0031 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time _____ 20.4 _____ _____ _____ _____ _____

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: J009708

Cooler Accepted by: SA Date: 06/03/24 Time: 16:16

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A		
Was sufficient ice used (if appropriate)?	(NA)	YES	NO
How were bottles sealed in plastic bags?	Individually	(Grouped)	(Not)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: Anthony G. Date: 6/3/24 Time: 16:37 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: _____ Date: _____

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

SO-TC-360A-060324

24F0031-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/03/2024 11:30
Instrument: ICP3 Analyst: SH — Analyzed: 06/06/2024 19:44

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0031-01 A 02
Preparation Batch: BMF0149 — Sample Size: 25 mL (wet)
Prepared: 06/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0660	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

SO-TC-360A-060324

24F0031-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/03/2024 11:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/10/2024 12:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24F0031-01 A

Preparation Batch: BMF0161 — Sample Size: 20.3473 g (wet)

Prepared: 06/06/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.05	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

SO-TC-360B-060324

24F0031-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/03/2024 11:45

Instrument: ICP3 Analyst: SH — Analyzed: 06/06/2024 19:26

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0031-02 A 02

Preparation Batch: BMF0149 — Sample Size: 25 mL (wet)

Prepared: 06/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0780	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

SO-TC-360B-060324

24F0031-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/03/2024 11:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/10/2024 12:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24F0031-02 A

Preparation Batch: BMF0161 — Sample Size: 20.8823 g (wet)

Prepared: 06/06/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.91	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

SO-TC-360C-060324

24F0031-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/03/2024 12:00

Instrument: ICP3 Analyst: SH — Analyzed: 06/06/2024 19:29

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0031-03 A 02

Preparation Batch: BMF0149 — Sample Size: 25 mL (wet)

Prepared: 06/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0505	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

SO-TC-360C-060324

24F0031-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/03/2024 12:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/10/2024 12:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24F0031-03 A

Preparation Batch: BMF0161 — Sample Size: 20.2393 g (wet)

Prepared: 06/06/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.94	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMF0149 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMF0149-BLK1)				Prepared: 06-Jun-2024 Analyzed: 06-Jun-2024 19:23							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BMF0149-DUP1)		**Source: 24F0031-01**		Prepared: 06-Jun-2024 Analyzed: 06-Jun-2024 19:47							
Arsenic	0.0605	0.0140	0.250	mg/L		0.0660			8.70	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BMF0149-MS1)		**Source: 24F0031-01**		Prepared: 06-Jun-2024 Analyzed: 06-Jun-2024 19:50							
Arsenic	4.18	0.0140	0.250	mg/L	4.00	0.0660	103	75-125			
Lead	3.83	0.0065	0.100	mg/L	4.00	ND	95.6	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BMF0161 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMF0161-BS1)				Prepared: 06-Jun-2024 Analyzed: 10-Jun-2024 12:48							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BMF0161-DUP1)		**Source: 24F0031-01**		Prepared: 06-Jun-2024 Analyzed: 10-Jun-2024 12:48							
pH	9.06	0.01	0.01	pH Units		9.05			0.11	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

11 June 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24F0058	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2024.06.11 18:16:11 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Shelly Fishel For Phillip Bates, Project Manager

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24F0058	Turn-around Requested: 3 Day	Date: 6/4/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-361A-060424	06/04/24	09:30	Soil	1	✔	✔							
SO-TC-361B-060424	06/04/24	09:45	Soil	1	✔	✔							
SO-TC-361C-060424	06/04/24	10:00	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	6/4/2024 16:11	Sarah Giv	Sarah Giv	ARLLC	6/4/24 16:11								

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-361A-060424	24F0058-01	Solid	04-Jun-2024 09:30	04-Jun-2024 16:11
SO-TC-361B-060424	24F0058-02	Solid	04-Jun-2024 09:45	04-Jun-2024 16:11
SO-TC-361C-060424	24F0058-03	Solid	04-Jun-2024 10:00	04-Jun-2024 16:11

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24F0058

Sample receipt

The sample(s) as listed on the preceding page were received 04-Jun-2024 16: 11 under ARI work order 24F0058. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Kenny King / PERC
Project Name: Superlon Plastics
COC No(s): _____ (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____
Assigned ARI Job No: 24F0058
Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 21.8

Time 16:11

If cooler temperature is out of compliance fill out form 00070F SC 6/4/24 Temp Gun ID#: 1705

Cooler Accepted by: [signature] Date: ~~6/4~~ 6/4/24 Time: 16:11

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? SW		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	(NO)
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: [signature] Date: SC 6/4/24 Time: 16:11 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24F0058

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type
Samples temp over 6°C at time of arrival (21.8°C)		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: [signature] Date: 6/4/24 Time: 16:11

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

SO-TC-361A-060424

24F0058-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/04/2024 09:30
Instrument: ICP3 Analyst: SH — Analyzed: 06/06/2024 19:32

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0058-01 A 02
Preparation Batch: BMF0149 — Sample Size: 25 mL (wet)
Prepared: 06/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0780	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

SO-TC-361A-060424

24F0058-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/04/2024 09:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/10/2024 12:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24F0058-01 A

Preparation Batch: BMF0161 — Sample Size: 20.8113 g (wet)

Prepared: 06/06/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.01	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

SO-TC-361B-060424

24F0058-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/04/2024 09:45

Instrument: ICP3 Analyst: SH — Analyzed: 06/06/2024 19:35

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0058-02 A 02

Preparation Batch: BMF0149 — Sample Size: 25 mL (wet)

Prepared: 06/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.101	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

SO-TC-361B-060424

24F0058-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/04/2024 09:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/10/2024 12:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24F0058-02 A

Preparation Batch: BMF0161 — Sample Size: 20.2389 g (wet)

Prepared: 06/06/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.12	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

SO-TC-361C-060424

24F0058-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/04/2024 10:00

Instrument: ICP3 Analyst: SH — Analyzed: 06/06/2024 19:38

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0058-03 A 02

Preparation Batch: BMF0149 — Sample Size: 25 mL (wet)

Prepared: 06/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.109	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

SO-TC-361C-060424

24F0058-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/04/2024 10:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/10/2024 12:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24F0058-03 A

Preparation Batch: BMF0161 — Sample Size: 20.6305 g (wet)

Prepared: 06/06/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.11	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMF0149 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMF0149-BLK1)				Prepared: 06-Jun-2024 Analyzed: 06-Jun-2024 19:23							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMF0161-BS1)				Prepared: 06-Jun-2024 Analyzed: 10-Jun-2024 12:48							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

14 June 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24F0097	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.06.14 09:13:35 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24F0097	Turn-around Requested: 3 Day	Date: 6/5/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-362A-060524	06/05/24	09:00	Soil	1	✔	✔	
SO-TC-362B-060524	06/05/24	09:15	Soil	1	✔	✔	
SO-TC-362C-060524	06/05/24	09:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	6/5/24 16:21			ARLLC	6/5/24 16:21								

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-362A-060524	24F0097-01	Solid	05-Jun-2024 09:00	05-Jun-2024 16:21
SO-TC-362B-060524	24F0097-02	Solid	05-Jun-2024 09:15	05-Jun-2024 16:21
SO-TC-362C-060524	24F0097-03	Solid	05-Jun-2024 09:30	05-Jun-2024 16:21

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24F0097

Sample receipt

The sample(s) as listed on the preceding page were received 05-Jun-2024 16:21 under ARI work order 24F0097. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): _____ (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 24F0097 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 2.73

Time 16:21

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 15008117

Cooler Accepted by: _____ Date: 6/5/24 Time: 16:21

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)	_____	

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: Anthony G. Date: 6/6/24 Time: 8:47 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: _____ Date: _____

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

SO-TC-362A-060524

24F0097-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/05/2024 09:00
Instrument: ICP3 Analyst: SH — Analyzed: 06/13/2024 14:51

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0097-01 A 03
Preparation Batch: BMF0286 — Sample Size: 25 mL (wet)
Prepared: 06/12/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.141	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.146	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

SO-TC-362A-060524

24F0097-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/05/2024 09:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/10/2024 12:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24F0097-01 A

Preparation Batch: BMF0161 — Sample Size: 20.1705 g (wet)

Prepared: 06/06/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.98	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

SO-TC-362B-060524

24F0097-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/05/2024 09:15

Instrument: ICP3 Analyst: SH — Analyzed: 06/13/2024 14:55

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0097-02 A 03

Preparation Batch: BMF0286 — Sample Size: 25 mL (wet)

Prepared: 06/12/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.376	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

SO-TC-362B-060524

24F0097-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/05/2024 09:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/10/2024 12:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24F0097-02 A

Preparation Batch: BMF0161 — Sample Size: 20.0923 g (wet)

Prepared: 06/06/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.99	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

SO-TC-362C-060524

24F0097-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/05/2024 09:30

Instrument: ICP3 Analyst: SH — Analyzed: 06/13/2024 14:58

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0097-03 A 03

Preparation Batch: BMF0286 — Sample Size: 25 mL (wet)

Prepared: 06/12/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.130	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

SO-TC-362C-060524

24F0097-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/05/2024 09:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/10/2024 12:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24F0097-03 A

Preparation Batch: BMF0161 — Sample Size: 20.977 g (wet)

Prepared: 06/06/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.92	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMF0286 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMF0286-BLK1)				Prepared: 12-Jun-2024 Analyzed: 13-Jun-2024 14:39							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMF0161-BS1)				Prepared: 06-Jun-2024 Analyzed: 10-Jun-2024 12:48							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Outlook

RE: One data package for your consideration

From Trevor Priestley <TPriestley@tpchd.org>
on behalf of
EH SolidWaste <EHSolidWaste@tpchd.org>
Date Mon 6/24/2024 8:49 AM
To kking perc-nw.com <kking@perc-nw.com>; EH SolidWaste <EHSolidWaste@tpchd.org>
Cc JEFFREY KING <jking@percnw.com>

Hi Kenny,
I have reviewed the data and these soils are appropriate for disposal under WDA 2793R.

Thank you,

Trevor Priestley (he/him)
Environmental Health Specialist III
Waste Management
(253) 649-1842 o • (253) 377-5471 c
tpriestley@tpchd.org

Tacoma-Pierce County Health Department
Healthy People in Healthy Communities

tpchd.org | Facebook | Instagram | X | YouTube

From: kking perc-nw.com <kking@perc-nw.com>
Sent: Saturday, June 22, 2024 8:07 AM
To: EH SolidWaste <EHSolidWaste@tpchd.org>
Cc: JEFFREY KING <jking@percnw.com>
Subject: One data package for your consideration

CAUTION: External Email - Verify contents

To Whom it May Concern,

The attached data, shown and summarized below, are for soil excavated during the remediation of the Superlon Site in Tacoma. Each sample represents approximately 21 cubic yards of soil. We are asking for permission to dispose of this soil at the LRI landfill under permit number WDA 2793R.

SAMPLE ID	Arsenic Concentration (TCLP) mg/L	Lead Concentration (TCLP) mg/L	pH	Request
SO-TC-363A-061124	0.29	ND	8.75	Asking for approval

SO-TC-363B-061124	0.0825	0.01	8.49	Asking for approval
SO-TC-363C-061124	0.113	ND	8.21	Asking for approval

Thanks,
Kenny

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

17 June 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24F0257	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2024.06.17 19:15:47 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Shelly Fishel For Phillip Bates, Project Manager

Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24F0257	Turn-around Requested: 3 Day	Date: 06/11/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-363A-061124	06/11/24	12:00	Soil	1	✔	✔							
SO-TC-363B-061124	06/11/24	12:15	Soil	1	✔	✔							
SO-TC-363C-061124	06/11/24	12:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
	(Signature) Kenny King	(Signature) Sarah Cinn	(Signature)	(Signature)
	Printed Name: Kenny King	Printed Name: Sarah Cinn	Printed Name:	Printed Name:
	Company: PERC	Company: ARLLC	Company:	Company:
	Date & Time: 6/11/2024 16:07	Date & Time: 6/11/24 16:07	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-363A-061124	24F0257-01	Solid	11-Jun-2024 12:00	11-Jun-2024 16:07
SO-TC-363B-061124	24F0257-02	Solid	11-Jun-2024 12:15	11-Jun-2024 16:07
SO-TC-363C-061124	24F0257-03	Solid	11-Jun-2024 12:30	11-Jun-2024 16:07

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24F0257

Sample receipt

The sample(s) as listed on the preceding page were received 11-Jun-2024 16:07 under ARI work order 24F0257. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

WORK ORDER

24F0257

Samples will be discarded 90 days after submission of a final report unless other instructions are received

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Phillip Bates

Project: Superion Plastics **Project Number:** SLON

Analysis	Due	TAT	Expires	Comments
24F0257-01 SO-TC-363A-061124 [Solid] Sampled 11-Jun-2024 12:00 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	17-Jun-2024 15:00	3	25-Jun-2024 23:59	
TCLP 1311	17-Jun-2024 15:00	3	09-Jul-2024 23:59	
TCLP 6010D - As	17-Jun-2024 15:00	3	08-Dec-2024 23:59	
TCLP 6010D - Pb	17-Jun-2024 15:00	3	08-Dec-2024 23:59	
24F0257-02 SO-TC-363B-061124 [Solid] Sampled 11-Jun-2024 12:15 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	17-Jun-2024 15:00	3	25-Jun-2024 23:59	
TCLP 1311	17-Jun-2024 15:00	3	09-Jul-2024 23:59	
TCLP 6010D - As	17-Jun-2024 15:00	3	08-Dec-2024 23:59	
TCLP 6010D - Pb	17-Jun-2024 15:00	3	08-Dec-2024 23:59	
24F0257-03 SO-TC-363C-061124 [Solid] Sampled 11-Jun-2024 12:30 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	17-Jun-2024 15:00	3	25-Jun-2024 23:59	
TCLP 1311	17-Jun-2024 15:00	3	09-Jul-2024 23:59	
TCLP 6010D - As	17-Jun-2024 15:00	3	08-Dec-2024 23:59	
TCLP 6010D - Pb	17-Jun-2024 15:00	3	08-Dec-2024 23:59	

Reviewed By Date

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PerC
Project Name: Superlon Plastics
COC No(s): _____ NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____
Assigned ARI Job No: 24F0257
Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO
Were custody papers included with the cooler? YES NO
Were custody papers properly filled out (ink, signed, etc.) YES NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 16:07 23.8 ___ ___ ___ ___ ___

If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: 9208

Cooler Accepted by: [signature] Date: 6/11/24 Time: 16:07

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? 3.5 6/11/24 YES NO
What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____
Was sufficient ice used (if appropriate)? NA YES NO
How were bottles sealed in plastic bags? Individually Grouped Not
Did all bottles arrive in good condition (unbroken)? YES NO
Were all bottle labels complete and legible? YES NO
Did the number of containers listed on COC match with the number of containers received? YES NO
Did all bottle labels and tags agree with custody papers? YES NO
Were all bottles used correct for the requested analyses? YES NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES NO
Were all VOC vials free of air bubbles? NA YES NO
Was sufficient amount of sample sent in each bottle? YES NO
Date VOC Trip Blank was made at ARI NA _____
Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: [signature] Date: 6/11/24 Time: 16:47 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

SO-TC-363A-061124

24F0257-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/11/2024 12:00
Instrument: ICP3 Analyst: SH — Analyzed: 06/15/2024 14:38

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0257-01 A 02
Preparation Batch: BMF0339 — Sample Size: 25 mL (wet)
Prepared: 06/13/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.290	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

SO-TC-363A-061124

24F0257-01RE1 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/11/2024 12:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/14/2024 11:48

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0257-01RE1 A

Preparation Batch: BMF0293 — Sample Size: 20.6338 g (wet)

Prepared: 06/12/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.75	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

SO-TC-363B-061124

24F0257-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/11/2024 12:15

Instrument: ICP3 Analyst: SH — Analyzed: 06/15/2024 14:41

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0257-02 A 02

Preparation Batch: BMF0339 — Sample Size: 25 mL (wet)

Prepared: 06/13/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0825	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0100	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

SO-TC-363B-061124

24F0257-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/11/2024 12:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/14/2024 11:48

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0257-02 A

Preparation Batch: BMF0293 — Sample Size: 20.3138 g (wet)

Prepared: 06/12/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.49	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

SO-TC-363C-061124

24F0257-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/11/2024 12:30

Instrument: ICP3 Analyst: SH — Analyzed: 06/15/2024 14:45

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0257-03 A 02

Preparation Batch: BMF0339 — Sample Size: 25 mL (wet)

Prepared: 06/13/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.113	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

SO-TC-363C-061124

24F0257-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/11/2024 12:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/14/2024 11:48

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0257-03 A

Preparation Batch: BMF0293 — Sample Size: 20.5634 g (wet)

Prepared: 06/12/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.21	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMF0339 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMF0339-BLK1)				Prepared: 13-Jun-2024 Analyzed: 15-Jun-2024 14:32							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BMF0293 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMF0293-BS1)				Prepared: 12-Jun-2024 Analyzed: 14-Jun-2024 11:48							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BMF0293-DUP1)		**Source: 24F0257-01**		Prepared: 12-Jun-2024 Analyzed: 14-Jun-2024 11:48							
pH	8.83	0.01	0.01	pH Units		8.54			3.34	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Outlook

RE: Two data packages for your consideration

From Trevor Priestley <TPriestley@tpchd.org>
on behalf of
EH SolidWaste <EHSolidWaste@tpchd.org>
Date Tue 6/25/2024 3:28 PM
To kking perc-nw.com <kking@perc-nw.com>; EH SolidWaste <EHSolidWaste@tpchd.org>
Cc JEFFREY KING <jking@percnw.com>

Hi Kenny,
I have reviewed the data and these soils are appropriate for disposal under WDA 2793R.

Thank you,

Trevor Priestley (he/him)
Environmental Health Specialist III
Waste Management
(253) 649-1842 o • (253) 377-5471 c
tpriestley@tpchd.org

Tacoma-Pierce County Health Department
Healthy People in Healthy Communities

tpchd.org | Facebook | Instagram | X | YouTube

From: kking perc-nw.com <kking@perc-nw.com>
Sent: Tuesday, June 25, 2024 11:06 AM
To: EH SolidWaste <EHSolidWaste@tpchd.org>
Cc: JEFFREY KING <jking@percnw.com>
Subject: Two data packages for your consideration

CAUTION: External Email - Verify contents

To Whom it May Concern,

The attached data, shown and summarized below, are for soil excavated during the remediation of the Superlon Site in Tacoma. Each sample represents approximately 21 cubic yards of soil. We are asking for permission to dispose of this soil at the LRI landfill under permit number WDA 2793R.

SAMPLE ID	Arsenic Concentration (TCLP) mg/L	Lead Concentration (TCLP) mg/L	pH	
SO-TC-364A-061724	0.182	ND	9.54	Ask
SO-TC-364B-061724	0.275	ND	9.49	Ask
SO-TC-364C-061724	0.192	ND	9.36	Ask
SO-TC-365A-061824	0.0975	0.059	7.63	Ask
SO-TC-365B-061824	0.119	ND	7.78	Ask
SO-TC-365C-061824	0.128	ND	8	Ask

Thanks,
Kenny

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

25 June 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24F0395	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Kelly Bottem For Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Accredited in accordance with nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24F0395	Turn-around Requested: 3 Day	Date: 06/17/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-364A-061724	06/17/24	15:00	Soil	1	✔	✔							
SO-TC-364B-061724	06/17/24	15:15	Soil	1	✔	✔							
SO-TC-364C-061724	06/17/24	15:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
	(Signature) Kenny King	(Signature) E. S	(Signature)	(Signature)
	Printed Name: Kenny King	Printed Name: Emma Stewart	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/17/2024 16:24	Date & Time: 6/17/24 16:24	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-364A-061724	24F0395-01	Solid	17-Jun-2024 15:00	17-Jun-2024 16:24
SO-TC-364B-061724	24F0395-02	Solid	17-Jun-2024 15:15	17-Jun-2024 16:24
SO-TC-364C-061724	24F0395-03	Solid	17-Jun-2024 15:30	17-Jun-2024 16:24

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:19

Work Order Case Narrative

Client: Perc- Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 24F0395

Sample receipt

Samples as listed on the preceding page were received June 17, 2024 under ARI work order 24F0395. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: SUPERLON PLASTICS
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 24F0395
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time: 16:24 — 20.1

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: 9708

Cooler Accepted by: [signature] Date: 6/17/24 Time: 16:24

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	(NA)	YES	NO
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	(NO)
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: SA Date: 06/17/24 Time: 16:34 Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24F0395

Cooler#: _____ Temperature(°C): 20.1

Sample ID	Bottle Count	Bottle Type
Samples received above 6 c		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: _____ Time: _____

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:19

SO-TC-364A-061724

24F0395-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/17/2024 15:00
Instrument: ICP3 Analyst: SH — Analyzed: 06/22/2024 21:06

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0395-01 A 01
Preparation Batch: BMF0525 — Sample Size: 25 mL (wet)
Prepared: 06/20/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.182	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:19

SO-TC-364A-061724

24F0395-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/17/2024 15:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/18/2024 16:35

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0395-01 A

Preparation Batch: BMF0469 — Sample Size: 20.2436 g (wet)

Prepared: 06/18/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.54	pH Units	

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:19

SO-TC-364B-061724

24F0395-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/17/2024 15:15

Instrument: ICP3 Analyst: SH — Analyzed: 06/22/2024 21:09

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0395-02 A 01

Preparation Batch: BMF0525 — Sample Size: 25 mL (wet)

Prepared: 06/20/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.275	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:19

SO-TC-364B-061724

24F0395-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/17/2024 15:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/18/2024 16:35

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0395-02 A

Preparation Batch: BMF0469 — Sample Size: 20.3934 g (wet)

Prepared: 06/18/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.49	pH Units	

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:19

SO-TC-364C-061724

24F0395-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/17/2024 15:30

Instrument: ICP3 Analyst: SH — Analyzed: 06/22/2024 21:12

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0395-03 A 01

Preparation Batch: BMF0525 — Sample Size: 25 mL (wet)

Prepared: 06/20/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.192	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:19

SO-TC-364C-061724

24F0395-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/17/2024 15:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/18/2024 16:35

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0395-03 A

Preparation Batch: BMF0469 — Sample Size: 20.0006 g (wet)

Prepared: 06/18/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.36	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:19

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMF0525 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMF0525-BLK1)					Prepared: 20-Jun-2024 Analyzed: 22-Jun-2024 20:57						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:19

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMF0469-BS1)				Prepared: 18-Jun-2024 Analyzed: 18-Jun-2024 16:35							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	25-Jun-2024 09:19

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	25-Jun-2024 09:19

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

25 June 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24F0408	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Kelly Bottem For Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24-20408	Turn-around Requested: 3 Day	Date: 6/18/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-365A-061824	06/18/24	14:00	Soil	1	✔	✔							
SO-TC-365B-061824	06/18/24	14:15	Soil	1	✔	✔							
SO-TC-365C-061824	06/18/24	14:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
	(Signature) Kenny King	(Signature)	(Signature)	(Signature)
	Printed Name: Kenny King	Printed Name: Roman A.	Printed Name:	Printed Name:
	Company: PERC	Company: ACL	Company:	Company:
	Date & Time: 6/18/2024 16:03	Date & Time: 6/18/24 1603	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-365A-061824	24F0408-01	Solid	18-Jun-2024 14:00	18-Jun-2024 16:03
SO-TC-365B-061824	24F0408-02	Solid	18-Jun-2024 14:15	18-Jun-2024 16:03
SO-TC-365C-061824	24F0408-03	Solid	18-Jun-2024 14:30	18-Jun-2024 16:03

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:32

Work Order Case Narrative

Client: Perc- Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 24F0408

Sample receipt

Samples as listed on the preceding page were received June 18, 2024 under ARI work order 24F0408. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PELC

Project Name: Superior plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 241-0408

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 26.4°

Time 1603

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID# T208

Cooler Accepted by: Date: 6/18/24 Time: 1603

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: Anthony G Date 6/18/24 Time: 16:33 Labels checked by:

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:32

SO-TC-365A-061824

24F0408-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/18/2024 14:00
Instrument: ICP3 Analyst: SH — Analyzed: 06/22/2024 21:35

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0408-01 A 01
Preparation Batch: BMF0525 — Sample Size: 25 mL (wet)
Prepared: 06/20/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0975	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0590	mg/L	J

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:32

SO-TC-365A-061824

24F0408-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/18/2024 14:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/21/2024 16:44

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0408-01 A

Preparation Batch: BMF0532 — Sample Size: 20.2541 g (wet)

Prepared: 06/20/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.63	pH Units	

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:32

SO-TC-365B-061824

24F0408-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/18/2024 14:15

Instrument: ICP3 Analyst: SH — Analyzed: 06/22/2024 21:38

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0408-02 A 01

Preparation Batch: BMF0525 — Sample Size: 25 mL (wet)

Prepared: 06/20/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.119	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:32

SO-TC-365B-061824

24F0408-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/18/2024 14:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/21/2024 16:44

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0408-02 A

Preparation Batch: BMF0532 — Sample Size: 20.1551 g (wet)

Prepared: 06/20/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.78	pH Units	

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:32

SO-TC-365C-061824

24F0408-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/18/2024 14:30

Instrument: ICP3 Analyst: SH — Analyzed: 06/22/2024 21:41

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0408-03 A 01

Preparation Batch: BMF0525 — Sample Size: 25 mL (wet)

Prepared: 06/20/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.128	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:32

SO-TC-365C-061824

24F0408-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/18/2024 14:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/21/2024 16:44

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0408-03 A

Preparation Batch: BMF0532 — Sample Size: 20.2154 g (wet)

Prepared: 06/20/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.00	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:32

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMF0525 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMF0525-BLK1)				Prepared: 20-Jun-2024 Analyzed: 22-Jun-2024 20:57							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:32

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMF0532-BS1)				Prepared: 20-Jun-2024 Analyzed: 21-Jun-2024 16:44							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	25-Jun-2024 09:32

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	25-Jun-2024 09:32

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Outlook

RE: Three data packages for your consideration

From Trevor Priestley <TPriestley@tpchd.org>
on behalf of
EH SolidWaste <EHSolidWaste@tpchd.org>
Date Mon 7/8/2024 9:56 AM
To kking perc-nw.com <kking@perc-nw.com>; EH SolidWaste <EHSolidWaste@tpchd.org>
Cc JEFFREY KING <jking@percnw.com>

Hi Kenny,
I have reviewed the data and these soils (with the exception of SO-TC-367C-062424) are appropriate for disposal under WDA 2793R.

Thank you,

Trevor Priestley (he/him)
Environmental Health Specialist III
Waste Management
(253) 649-1842 o • (253) 377-5471 c
tpriestley@tpchd.org

Tacoma-Pierce County Health Department
Healthy People in Healthy Communities

tpchd.org | Facebook | Instagram | X | YouTube

From: kking perc-nw.com <kking@perc-nw.com>
Sent: Friday, July 5, 2024 10:50 AM
To: EH SolidWaste <EHSolidWaste@tpchd.org>
Cc: JEFFREY KING <jking@percnw.com>
Subject: Three data packages for your consideration

CAUTION: External Email - Verify contents

To Whom It May Concern,

Attached are 4 data packages for your review and approval. Each of the samples are for soil excavated during the remediation of the Superlon Site in Tacoma. Each sample represents approximately 21 cubic yards of soil. **To be clear we are NOT asking for approval for sample SO-TC-367C-062424.** The soil that this sample represents (and the soil adjacent to it (2') in the stockpile) are being re-treated to lower leachability. We are only asking for permission to dispose of the other soil samples at the LRI landfill under permit number WDA 2793R. The following table presents the data.

SAMPLE ID	Arsenic Concentration (TCLP) mg/L	Lead Concentration (TCLP) mg/L	pH	Request
SO-TC-366A-061924	0.197	ND	8.86	Asking for approval

SO-TC-366B-061924	0.2	ND	8.68	Asking for approval
SO-TC-366C-061924	2.04	1.72	8.52	Asking for approval
SO-TC-367A-062424	0.0705	0.142	9.15	Asking for approval
SO-TC-367B-062424	0.0825	0.0675	9.22	Asking for approval
SO-TC-367C-062424	0.0695	5.09	9.23	Not asking for approval - Soil will be retreated per instructions in email
SO-TC-368A-062524	0.405	0.409	9.06	Asking for approval
SO-TC-368B-062524	0.393	1.06	8.91	Asking for approval
SO-TC-368C-062524	0.519	2.41	8.77	Asking for approval
SO-TC-369A-062624	0.314	0.248	8.98	Asking for approval
SO-TC-369B-062624	0.436	0.257	9.13	Asking for approval
SO-TC-369C-062624	0.679	1.39	9.14	Asking for approval

Thanks,
Kenny

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

28 June 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24F0441	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.06.28 12:54:08 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24F0441	Turn-around Requested: 3 Day	Date: 06/19/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-366A-061924	06/19/24	10:00	Soil	1	✔	✔							
SO-TC-366B-061924	06/19/24	10:15	Soil	1	✔	✔							
SO-TC-366C-061924	06/19/24	10:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Anthony G.	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/19/2024 14:34	Date & Time: 6/19/24 14:35	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2024 12:52

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-366A-061924	24F0441-01	Solid	19-Jun-2024 10:00	19-Jun-2024 14:35
SO-TC-366B-061924	24F0441-02	Solid	19-Jun-2024 10:15	19-Jun-2024 14:35
SO-TC-366C-061924	24F0441-03	Solid	19-Jun-2024 10:30	19-Jun-2024 14:35

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2024 12:52

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24F0441

Sample receipt

The sample(s) as listed on the preceding page were received 19-Jun-2024 14:35 under ARI work order 24F0441. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superior Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 24F0441
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO
Were custody papers included with the cooler? YES NO
Were custody papers properly filled out (ink, signed, etc.) YES NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 14:35 25.5

If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#:

Cooler Accepted by: Date: 6/19/24 Time: 14:35

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO
What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: NA
Was sufficient ice used (if appropriate)? NA YES NO
How were bottles sealed in plastic bags? Individually Grouped Not
Did all bottles arrive in good condition (unbroken)? YES NO
Were all bottle labels complete and legible? YES NO
Did the number of containers listed on COC match with the number of containers received? YES NO
Did all bottle labels and tags agree with custody papers? YES NO
Were all bottles used correct for the requested analyses? YES NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES NO
Were all VOC vials free of air bubbles? NA YES NO
Was sufficient amount of sample sent in each bottle? YES NO
Date VOC Trip Blank was made at ARI NA
Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 6/19/24 Time: 1451 Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2024 12:52

SO-TC-366A-061924

24F0441-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/19/2024 10:00

Instrument: ICP3 Analyst: SH — Analyzed: 06/26/2024 17:51

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0441-01 A 02

Preparation Batch: BMF0638 — Sample Size: 25 mL (wet)

Prepared: 06/25/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.197	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2024 12:52

SO-TC-366A-061924

24F0441-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/19/2024 10:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/21/2024 16:44

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0441-01 A

Preparation Batch: BMF0532 — Sample Size: 20.735 g (wet)

Prepared: 06/20/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.86	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2024 12:52

SO-TC-366B-061924

24F0441-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/19/2024 10:15

Instrument: ICP3 Analyst: SH — Analyzed: 06/26/2024 17:45

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0441-02 A 02

Preparation Batch: BMF0638 — Sample Size: 25 mL (wet)

Prepared: 06/25/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.200	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2024 12:52

SO-TC-366B-061924

24F0441-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/19/2024 10:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/21/2024 16:44

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0441-02 A

Preparation Batch: BMF0532 — Sample Size: 20.2245 g (wet)

Prepared: 06/20/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.68	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2024 12:52

SO-TC-366C-061924

24F0441-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/19/2024 10:30

Instrument: ICP3 Analyst: SH — Analyzed: 06/26/2024 17:48

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0441-03 A 02

Preparation Batch: BMF0638 — Sample Size: 25 mL (wet)

Prepared: 06/25/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	2.04	mg/L	
Lead	7439-92-1	5	0.0065	0.100	1.72	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2024 12:52

SO-TC-366C-061924

24F0441-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/19/2024 10:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/21/2024 16:44

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0441-03 A

Preparation Batch: BMF0532 — Sample Size: 20.0326 g (wet)

Prepared: 06/20/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.52	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2024 12:52

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMF0638 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMF0638-BLK1)				Prepared: 25-Jun-2024 Analyzed: 26-Jun-2024 17:39							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BMF0638-DUP1)		**Source: 24F0441-01**		Prepared: 25-Jun-2024 Analyzed: 26-Jun-2024 17:54							
Arsenic	0.191	0.0140	0.250	mg/L		0.197			3.09	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BMF0638-MS1)		**Source: 24F0441-01**		Prepared: 25-Jun-2024 Analyzed: 26-Jun-2024 17:57							
Arsenic	4.62	0.0140	0.250	mg/L	4.00	0.197	110	75-125			
Lead	4.09	0.0065	0.100	mg/L	4.00	ND	102	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2024 12:52

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMF0532-BS1)				Prepared: 20-Jun-2024 Analyzed: 21-Jun-2024 16:44							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2024 12:52

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	28-Jun-2024 12:52

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

03 July 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24F0553	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.07.03 08:18:19 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24F0553	Turn-around Requested: 3 Day	Date: 6/25/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 32.5
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-367A-062424	06/24/24	12:00	Soil	1	✔	✔	
SO-TC-367B-062424	06/24/24	12:15	Soil	1	✔	✔	
SO-TC-367C-062424	06/24/24	12:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Matthew Parr	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/25/2024 16:20	Date & Time: 06/25/24 1620	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-367A-062424	24F0553-01	Solid	24-Jun-2024 12:00	25-Jun-2024 16:20
SO-TC-367B-062424	24F0553-02	Solid	24-Jun-2024 12:15	25-Jun-2024 16:20
SO-TC-367C-062424	24F0553-03	Solid	24-Jun-2024 12:30	25-Jun-2024 16:20

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:17

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24F0553

Sample receipt

The sample(s) as listed on the preceding page were received 25-Jun-2024 16:20 under ARI work order 24F0553. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) was within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

WORK ORDER

24F0553

Samples will be discarded 90 days after submission of a final report unless other instructions are received

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Phillip Bates

Project: Superlon Plastics **Project Number:** SLON

Report To:	Invoice To:
PERC-Pacific Environmental and Redevelopment Corp	PERC-Pacific Environmental and Redevelopment Corp
Kenny King	Jeffrey King
8424 E Meadow Lake Drive	8424 E Meadow Lake Drive
Snohomish, WA 98290	Snohomish, WA 98290
Phone: (425) 346-0921	Phone :(425) 238-2212
Fax:	Fax:

Date Due: 01-Jul-2024 18:00 (3 day TAT)

Received By: Matthew Daniel Date Received: 25-Jun-2024 16:20

Logged In By: Sarah Ginn Date Logged In: 25-Jun-2024 16:37

Samples Received at 32.3°C

Intact, properly signed and dated custody seals attached to outside of cooler(s)	No	Custody papers included with the cooler	Yes
Custody papers properly filled out (ink, signed, analyses requested, etc)	Yes	Was a temperature blank included in the cooler	No
Was sufficient ice used (if appropriate)	No	All bottles sealed in individual plastic bags	No
All bottles arrived in good condition (unbroken)	Yes	All bottle labels complete and legible	Yes
Number of containers listed on COC match number received	Yes	Bottle labels and tags agree with COC	Yes
Correct bottles used for the requested analyses	Yes	All VOC vials free of air bubbles	No
Analyses/bottles require preservation (attach preservation sheet excluding VOC)	No	Sufficient amount of sample sent in each bottle	Yes
Sample split at ARI	No		

Analysis	Due	TAT	Expires	Comments

WORK ORDER

24F0553

Samples will be discarded 90 days after submission of a final report unless other instructions are received

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Phillip Bates

Project: Superlon Plastics **Project Number:** SLON

Analysis	Due	TAT	Expires	Comments
24F0553-01 SO-TC-367A-062424 [Solid] Sampled 24-Jun-2024 12:00 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	01-Jul-2024 15:00	3	08-Jul-2024 23:59	
TCLP 1311	01-Jul-2024 15:00	3	22-Jul-2024 23:59	
TCLP 6010D - As	01-Jul-2024 15:00	3	21-Dec-2024 23:59	
TCLP 6010D - Pb	01-Jul-2024 15:00	3	21-Dec-2024 23:59	
24F0553-02 SO-TC-367B-062424 [Solid] Sampled 24-Jun-2024 12:15 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	01-Jul-2024 15:00	3	08-Jul-2024 23:59	
TCLP 1311	01-Jul-2024 15:00	3	22-Jul-2024 23:59	
TCLP 6010D - As	01-Jul-2024 15:00	3	21-Dec-2024 23:59	
TCLP 6010D - Pb	01-Jul-2024 15:00	3	21-Dec-2024 23:59	
24F0553-03 SO-TC-367C-062424 [Solid] Sampled 24-Jun-2024 12:30 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	01-Jul-2024 15:00	3	08-Jul-2024 23:59	
TCLP 1311	01-Jul-2024 15:00	3	22-Jul-2024 23:59	
TCLP 6010D - As	01-Jul-2024 15:00	3	21-Dec-2024 23:59	
TCLP 6010D - Pb	01-Jul-2024 15:00	3	21-Dec-2024 23:59	

Reviewed By Date

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24F0553

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 3.2°C

Time 1620

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: T009708

Cooler Accepted by: MD Date: 06/25/24 Time: 1620

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?	YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	
How were bottles sealed in plastic bags?	Individually	Grouped
Did all bottles arrive in good condition (unbroken)?	YES	NO
Were all bottle labels complete and legible?	YES	NO
Did the number of containers listed on COC match with the number of containers received?	YES	NO
Did all bottle labels and tags agree with custody papers?	YES	NO
Were all bottles used correct for the requested analyses?	YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	
Were all VOC vials free of air bubbles?	NA	YES NO
Was sufficient amount of sample sent in each bottle?	YES	NO
Date VOC Trip Blank was made at ARI	NA	
Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:		

Samples Logged by: Date: 6/25/24 Time: 16:37 Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24F0553

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type
Sample temp over 6°C at time of arrival (32.3°C)		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 6/25/24 Time: 16:20

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:17

SO-TC-367A-062424

24F0553-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/24/2024 12:00
Instrument: ICP3 Analyst: SH — Analyzed: 06/29/2024 17:38

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0553-01 A 01
Preparation Batch: BMF0711 — Sample Size: 25 mL (wet)
Prepared: 06/27/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0705	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.142	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:17

SO-TC-367A-062424

24F0553-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/24/2024 12:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/01/2024 17:15

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0553-01 A

Preparation Batch: BMF0723 — Sample Size: 20.0912 g (wet)

Prepared: 06/27/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.15	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:17

SO-TC-367B-062424

24F0553-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/24/2024 12:15

Instrument: ICP3 Analyst: SH — Analyzed: 06/29/2024 17:25

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0553-02 A 01

Preparation Batch: BMF0711 — Sample Size: 25 mL (wet)

Prepared: 06/27/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0825	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0675	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:17

SO-TC-367B-062424

24F0553-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/24/2024 12:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/01/2024 17:15

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0553-02 A

Preparation Batch: BMF0723 — Sample Size: 20.4572 g (wet)

Prepared: 06/27/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.22	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:17

SO-TC-367C-062424

24F0553-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/24/2024 12:30

Instrument: ICP3 Analyst: SH — Analyzed: 06/29/2024 17:29

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0553-03 A 01

Preparation Batch: BMF0711 — Sample Size: 25 mL (wet)

Prepared: 06/27/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0695	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	5.09	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:17

SO-TC-367C-062424

24F0553-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/24/2024 12:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/01/2024 17:15

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0553-03 A

Preparation Batch: BMF0723 — Sample Size: 20.7401 g (wet)

Prepared: 06/27/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.23	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:17

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMF0711 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMF0711-BLK1)				Prepared: 27-Jun-2024 Analyzed: 29-Jun-2024 17:19							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0195	0.0065	0.100	mg/L							J
Duplicate (BMF0711-DUP1)		**Source: 24F0553-01**		Prepared: 27-Jun-2024 Analyzed: 29-Jun-2024 17:41							
Arsenic	0.0685	0.0140	0.250	mg/L		0.0705			2.88	20	J
Lead	0.141	0.0065	0.100	mg/L		0.142			0.71	20	
Matrix Spike (BMF0711-MS1)		**Source: 24F0553-01**		Prepared: 27-Jun-2024 Analyzed: 29-Jun-2024 17:44							
Arsenic	4.33	0.0140	0.250	mg/L	4.00	0.0705	106	75-125			
Lead	4.03	0.0065	0.100	mg/L	4.00	0.142	97.2	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:17

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BMF0723 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMF0723-BS1)				Prepared: 27-Jun-2024 Analyzed: 01-Jul-2024 17:15							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BMF0723-DUP1)		**Source: 24F0553-01**		Prepared: 27-Jun-2024 Analyzed: 01-Jul-2024 17:15							
pH	9.18	0.01	0.01	pH Units		9.15			0.33	20	

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	03-Jul-2024 08:17

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:17

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

03 July 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24F0554	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.07.03 08:21:34 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24F0554	Turn-around Requested: 3 Day	Date: 6/25/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 32.5
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C	Analysis Requested						Notes/Comments
SO-TC-368A-062524	06/25/24	09:30	Soil	1	✔	✔							
SO-TC-368B-062524	06/25/24	09:45	Soil	1	✔	✔							
SO-TC-368C-062524	06/25/24	10:00	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name:	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/25/2024 16:20	Date & Time: 06/25/24 1620	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-368A-062524	24F0554-01	Solid	25-Jun-2024 09:30	25-Jun-2024 16:20
SO-TC-368B-062524	24F0554-02	Solid	25-Jun-2024 09:45	25-Jun-2024 16:20
SO-TC-368C-062524	24F0554-03	Solid	25-Jun-2024 10:00	25-Jun-2024 16:20

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:20

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24F0554

Sample receipt

The sample(s) as listed on the preceding page were received 25-Jun-2024 16:20 under ARI work order 24F0554. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Printed: 6/25/2024 5:06:01PM

WORK ORDER

24F0554

Samples will be discarded 90 days after submission of a final report unless other instructions are received

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Phillip Bates

Project: Superlon Plastics **Project Number:** SLON

Report To:	Invoice To:
PERC-Pacific Environmental and Redevelopment Corp	PERC-Pacific Environmental and Redevelopment Corp
Kenny King	Jeffrey King
8424 E Meadow Lake Drive	8424 E Meadow Lake Drive
Snohomish, WA 98290	Snohomish, WA 98290
Phone: (425) 346-0921	Phone :(425) 238-2212
Fax:	Fax:

Date Due: 01-Jul-2024 18:00 (3 day TAT)

Received By: Matthew Daniel Date Received: 25-Jun-2024 16:20

Logged In By: Sarah Ginn Date Logged In: 25-Jun-2024 16:51

Samples Received at 32.3°C

Intact, properly signed and dated custody seals attached to outside of cooler(s)	No	Custody papers included with the cooler	Yes
Custody papers properly filled out(ink, signed, analyses requested, etc)	Yes	Was a temperature blank included in the cooler	No
Was sufficient ice used (if appropriate)	No	All bottles sealed in individual plastic bags	No
All bottles arrived in good condition(unbroken)	Yes	All bottle labels complete and legible	Yes
Number of containers listed on COC match number received	Yes	Bottle labels and tags agree with COC	Yes
Correct bottles used for the requested analyses	Yes	All VOC vials free of air bubbles	No
Analyses/bottles require preservation (attach preservation sheet excluding VOC)	No	Sufficient amount of sample sent in each bottle	Yes
Sample split at ARI	No		

Analysis	Due	TAT	Expires	Comments

WORK ORDER

24F0554

Samples will be discarded 90 days after submission of a final report unless other instructions are received

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Phillip Bates

Project: Superlon Plastics **Project Number:** SLON

Analysis	Due	TAT	Expires	Comments
24F0554-01 SO-TC-368A-062524 [Solid] Sampled 25-Jun-2024 09:30 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	01-Jul-2024 15:00	3	09-Jul-2024 23:59	
TCLP 1311	01-Jul-2024 15:00	3	23-Jul-2024 23:59	
TCLP 6010D - As	01-Jul-2024 15:00	3	22-Dec-2024 23:59	
TCLP 6010D - Pb	01-Jul-2024 15:00	3	22-Dec-2024 23:59	
24F0554-02 SO-TC-368B-062524 [Solid] Sampled 25-Jun-2024 09:45 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	01-Jul-2024 15:00	3	09-Jul-2024 23:59	
TCLP 1311	01-Jul-2024 15:00	3	23-Jul-2024 23:59	
TCLP 6010D - As	01-Jul-2024 15:00	3	22-Dec-2024 23:59	
TCLP 6010D - Pb	01-Jul-2024 15:00	3	22-Dec-2024 23:59	
24F0554-03 SO-TC-368C-062524 [Solid] Sampled 25-Jun-2024 10:00 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	01-Jul-2024 15:00	3	09-Jul-2024 23:59	
TCLP 1311	01-Jul-2024 15:00	3	23-Jul-2024 23:59	
TCLP 6010D - As	01-Jul-2024 15:00	3	22-Dec-2024 23:59	
TCLP 6010D - Pb	01-Jul-2024 15:00	3	22-Dec-2024 23:59	

Reviewed By

Date

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24F0554

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 3.2°C

Time 1620

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: IR00970S

Cooler Accepted by: MD Date: 06/25/24 Time: 1620

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 10/25/24 Time: 16:51 Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24F0554

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type
Sample temps over 6°C at time of arrival (32.3°C)		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 6/25/24 Time: 16:20

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:20

SO-TC-368A-062524

24F0554-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/25/2024 09:30

Instrument: ICP3 Analyst: SH — Analyzed: 06/29/2024 17:32

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0554-01 A 01

Preparation Batch: BMF0711 — Sample Size: 25 mL (wet)

Prepared: 06/27/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.405	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.409	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:20

SO-TC-368A-062524

24F0554-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/25/2024 09:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/01/2024 17:15

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0554-01 A

Preparation Batch: BMF0723 — Sample Size: 20.8183 g (wet)

Prepared: 06/27/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.06	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:20

SO-TC-368B-062524

24F0554-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/25/2024 09:45

Instrument: ICP3 Analyst: SH — Analyzed: 06/29/2024 17:35

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0554-02 A 01

Preparation Batch: BMF0711 — Sample Size: 25 mL (wet)

Prepared: 06/27/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.393	mg/L	
Lead	7439-92-1	5	0.0065	0.100	1.06	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:20

SO-TC-368B-062524

24F0554-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/25/2024 09:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/01/2024 17:15

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0554-02 A

Preparation Batch: BMF0723 — Sample Size: 20.4572 g (wet)

Prepared: 06/27/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.91	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:20

SO-TC-368C-062524

24F0554-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/25/2024 10:00

Instrument: ICP3 Analyst: SH — Analyzed: 06/29/2024 18:06

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0554-03 A 01

Preparation Batch: BMF0711 — Sample Size: 25 mL (wet)

Prepared: 06/27/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.519	mg/L	
Lead	7439-92-1	5	0.0065	0.100	2.41	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:20

SO-TC-368C-062524

24F0554-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/25/2024 10:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/01/2024 17:15

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0554-03 A

Preparation Batch: BMF0723 — Sample Size: 20.3271 g (wet)

Prepared: 06/27/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.77	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:20

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMF0711 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMF0711-BLK1)					Prepared: 27-Jun-2024 Analyzed: 29-Jun-2024 17:19						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0195	0.0065	0.100	mg/L							J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:20

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMF0723-BS1)				Prepared: 27-Jun-2024 Analyzed: 01-Jul-2024 17:15							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:20

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	03-Jul-2024 08:20

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

03 July 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24F0562	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.07.03 08:27:25 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

24F0562

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number:	Turn-around Requested: 3 Day	Date: 6/26/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-369A-062624	06/26/24	09:15	Soil	1	✔	✔							
SO-TC-369B-062624	06/26/24	09:30	Soil	1	✔	✔							
SO-TC-369C-062624	06/26/24	09:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Jeff King	Printed Name: Savannah Wright	Printed Name:	Printed Name:
	Company: PERC	Company: Ari	Company:	Company:
	Date & Time: 6/26/24 11:30	Date & Time: 6/26/24 11:38	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:26

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-369A-062624	24F0562-01	Solid	26-Jun-2024 09:15	26-Jun-2024 11:38
SO-TC-369B-062624	24F0562-02	Solid	26-Jun-2024 09:30	26-Jun-2024 11:38
SO-TC-369C-062624	24F0562-03	Solid	26-Jun-2024 09:45	26-Jun-2024 11:38

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:26

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24F0562

Sample receipt

Sample(s) as listed on the preceding page were received 26-Jun-2024 11:38 under ARI work order 24F0562. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other:
Assigned ARI Job No: 24F0562
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)
Were custody papers included with the cooler? (YES) NO
Were custody papers properly filled out (ink, signed, etc.) (YES) NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 2.3
Time: 11:38
If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: 9708
Cooler Accepted by: JW Date: 6/26/24 Time: 11:38

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)
What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:
Was sufficient ice used (if appropriate)? NA YES (NO)
How were bottles sealed in plastic bags? Individually (Grouped) Not
Did all bottles arrive in good condition (unbroken)? (YES) NO
Were all bottle labels complete and legible? (YES) NO
Did the number of containers listed on COC match with the number of containers received? (YES) NO
Did all bottle labels and tags agree with custody papers? (YES) NO
Were all bottles used correct for the requested analyses? (YES) NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES (NO)
Were all VOC vials free of air bubbles? (NA) YES NO
Was sufficient amount of sample sent in each bottle? (YES) NO
Date VOC Trip Blank was made at ARI (NA)
Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: JW Date: 6/26/24 Time: 11:43 Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:26

SO-TC-369A-062624

24F0562-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/26/2024 09:15

Instrument: ICP3 Analyst: SH — Analyzed: 06/29/2024 18:18

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0562-01 A 01

Preparation Batch: BMF0747 — Sample Size: 25 mL (wet)

Prepared: 06/28/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.314	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.248	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:26

SO-TC-369A-062624

24F0562-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/26/2024 09:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/01/2024 17:15

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0562-01 A

Preparation Batch: BMF0723 — Sample Size: 20.5474 g (wet)

Prepared: 06/27/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.98	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:26

SO-TC-369B-062624

24F0562-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/26/2024 09:30

Instrument: ICP3 Analyst: SH — Analyzed: 06/29/2024 18:09

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0562-02 A 01

Preparation Batch: BMF0747 — Sample Size: 25 mL (wet)

Prepared: 06/28/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.436	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.257	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:26

SO-TC-369B-062624

24F0562-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/26/2024 09:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/01/2024 17:15

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0562-02 A

Preparation Batch: BMF0723 — Sample Size: 20.2187 g (wet)

Prepared: 06/27/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.13	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:26

SO-TC-369C-062624

24F0562-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/26/2024 09:45

Instrument: ICP3 Analyst: SH — Analyzed: 06/29/2024 18:12

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0562-03 A 01

Preparation Batch: BMF0747 — Sample Size: 25 mL (wet)

Prepared: 06/28/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.679	mg/L	
Lead	7439-92-1	5	0.0065	0.100	1.39	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:26

SO-TC-369C-062624

24F0562-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/26/2024 09:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/01/2024 17:15

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0562-03 A

Preparation Batch: BMF0723 — Sample Size: 20.7335 g (wet)

Prepared: 06/27/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.14	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:26

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMF0747 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMF0747-BLK1)				Prepared: 28-Jun-2024 Analyzed: 29-Jun-2024 17:22							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BMF0747-DUP1)		**Source: 24F0562-01**		Prepared: 28-Jun-2024 Analyzed: 29-Jun-2024 18:21							
Arsenic	0.308	0.0140	0.250	mg/L		0.314			1.93	20	
Lead	0.250	0.0065	0.100	mg/L		0.248			1.01	20	
Matrix Spike (BMF0747-MS1)		**Source: 24F0562-01**		Prepared: 28-Jun-2024 Analyzed: 29-Jun-2024 18:24							
Arsenic	4.56	0.0140	0.250	mg/L	4.00	0.314	106	75-125			
Lead	4.14	0.0065	0.100	mg/L	4.00	0.248	97.4	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:26

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMF0723-BS1)				Prepared: 27-Jun-2024 Analyzed: 01-Jul-2024 17:15							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:26

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	03-Jul-2024 08:26

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Outlook

RE: Three data packages for your consideration

From EH SolidWaste <EHSolidWaste@tpchd.org>
Date Fri 7/12/2024 8:40 AM
To kking perc-nw.com <kking@perc-nw.com>; EH SolidWaste <EHSolidWaste@tpchd.org>
Cc JEFFREY KING <jking@percnw.com>

Kenny,

I have reviewed the data and these soils (aside from Sample SO-TC-372C-070324) are appropriate for disposal under WDA 2793.

Best Regards,

Robbie Grieco
Environmental Health Specialist I - Waste Management
Environmental Health Department
(253) 649-1892 o • rgrieco@tpchd.org • www.tpchd.org

Tacoma-Pierce County Health Department
Healthy People in Healthy Communities

tpchd.org | Facebook | Instagram | X | YouTube

From: kking perc-nw.com <kking@perc-nw.com>
Sent: Friday, July 12, 2024 6:24 AM
To: EH SolidWaste <EHSolidWaste@tpchd.org>
Cc: JEFFREY KING <jking@percnw.com>
Subject: Three data packages for your consideration

CAUTION: External Email - Verify contents

To Whom It May Concern,

Attached are 3 data packages for your review and approval. Each of the samples are for soil excavated during the remediation of the Superlon Site in Tacoma. Each sample represents approximately 21 cubic yards of soil. **To be clear we are NOT asking for approval for sample SO-TC-372C-070324.** The soil that this sample represents (and the soil adjacent to it (2') in the stockpile) are being re-treated to lower leachability. We are only asking for permission to dispose of the other soil samples at the LRI landfill under permit number WDA 2793R. The following table presents the data.

SAMPLE ID	Arsenic Concentration (TCLP) mg/L	Lead Concentration (TCLP) mg/L	pH	Request
SO-TC-370A-070124	0.361	0.331	8.12	Asking for approval

SO-TC-370B-070124	0.209	0.421	8.36	Asking for approval
SO-TC-370C-070124	0.249	1.81	8.46	Asking for approval
SO-TC-371A-070224	0.162	ND	8.18	Asking for approval
SO-TC-371B-070224	0.088	ND	8.1	Asking for approval
SO-TC-371C-070224	0.0875	0.127	8.34	Asking for approval
SO-TC-372A-070324	0.208	0.0115	8.04	Asking for approval
SO-TC-372A-070324	0.167	0.0355	8.01	Asking for approval
SO-TC-372C-070324	1.35	5.24	7.93	Not asking for approval - Soil will be retreated per instructions in email

Thanks,
Kenny

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

11 July 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24G0026	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.07.11 10:20:47 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24G0026	Turn-around Requested: 3 Day	Date: 7/1/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-370A-070124	07/01/24	14:00	Soil	1	✔	✔							
SO-TC-370B-070124	07/01/24	14:15	Soil	1	✔	✔							
SO-TC-370C-070124	07/01/24	14:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Sarah Conn	Printed Name:	Printed Name:
	Company: PERC	Company: ARLLC	Company:	Company:
	Date & Time: 7/1/2024 16:00	Date & Time: 7/1/24 16:00	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-370A-070124	24G0026-01	Solid	01-Jul-2024 14:00	01-Jul-2024 16:00
SO-TC-370B-070124	24G0026-02	Solid	01-Jul-2024 14:15	01-Jul-2024 16:00
SO-TC-370C-070124	24G0026-03	Solid	01-Jul-2024 14:30	01-Jul-2024 16:00

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24G0026

Sample receipt

The sample(s) as listed on the preceding page were received 01-Jul-2024 16:00 under ARI work order 24G0026. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) was within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24G0026

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time	12:00	29.1					

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 9708

Cooler Accepted by: Date: 7/1/24 Time: 16:00

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI.	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: SA Date: 7/1/24 Time: 1610 Labels checked by: SA

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24G0026

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Samples temp Over 6°C at time of arrival (29.1°C)

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 7/1/24 Time: 16:00

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

SO-TC-370A-070124

24G0026-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/01/2024 14:00

Instrument: ICP3 Analyst: SH — Analyzed: 07/08/2024 21:11

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0026-01 A 02

Preparation Batch: BMG0093 — Sample Size: 25 mL (wet)

Prepared: 07/03/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.361	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.331	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

SO-TC-370A-070124

24G0026-01RE1 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/01/2024 14:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/08/2024 13:46

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0026-01RE1 A

Preparation Batch: BMG0121 — Sample Size: 20.7314 g (wet)

Prepared: 07/05/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.12	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

SO-TC-370B-070124

24G0026-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/01/2024 14:15

Instrument: ICP3 Analyst: SH — Analyzed: 07/08/2024 21:04

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0026-02 A 02

Preparation Batch: BMG0093 — Sample Size: 25 mL (wet)

Prepared: 07/03/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.209	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.421	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

SO-TC-370B-070124

24G0026-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/01/2024 14:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/08/2024 13:46

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0026-02 A

Preparation Batch: BMG0121 — Sample Size: 20.0586 g (wet)

Prepared: 07/05/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.36	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

SO-TC-370C-070124

24G0026-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/01/2024 14:30

Instrument: ICP3 Analyst: SH — Analyzed: 07/08/2024 21:08

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0026-03 A 02

Preparation Batch: BMG0093 — Sample Size: 25 mL (wet)

Prepared: 07/03/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.249	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	1.81	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

SO-TC-370C-070124

24G0026-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/01/2024 14:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/08/2024 13:46

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0026-03 A

Preparation Batch: BMG0121 — Sample Size: 20.3794 g (wet)

Prepared: 07/05/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.46	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMG0093 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMG0093-BLK1)				Prepared: 03-Jul-2024 Analyzed: 08-Jul-2024 20:58							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BMG0093-DUP1)		**Source: 24G0026-01**		Prepared: 03-Jul-2024 Analyzed: 08-Jul-2024 21:14							
Arsenic	0.355	0.0140	0.250	mg/L		0.361			1.82	20	
Lead	0.324	0.0065	0.100	mg/L		0.331			1.99	20	
Matrix Spike (BMG0093-MS1)		**Source: 24G0026-01**		Prepared: 03-Jul-2024 Analyzed: 08-Jul-2024 21:18							
Arsenic	4.54	0.0140	0.250	mg/L	4.00	0.361	104	75-125			
Lead	4.10	0.0065	0.100	mg/L	4.00	0.331	94.3	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BMG0121 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMG0121-BS1)				Prepared: 05-Jul-2024 Analyzed: 08-Jul-2024 13:46							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			
Duplicate (BMG0121-DUP1)		**Source: 24G0026-01**		Prepared: 05-Jul-2024 Analyzed: 08-Jul-2024 13:46							
pH	8.32	0.01	0.01	pH Units		7.93			4.80	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

11 July 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24G0069	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.07.11 10:23:54 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24G0069	Turn-around Requested: 3 Day	Date: 7/2/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-371A-070224	07/02/24	13:30	Soil	1	✔	✔							
SO-TC-371B-070224	07/02/24	13:45	Soil	1	✔	✔							
SO-TC-371C-070224	07/02/24	14:00	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time
	Kenny King	Kenny King	PERC	7/2/2024 16:12		Matthew Romo	ARLLC	07/02/24 KIR								

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-371A-070224	24G0069-01	Solid	02-Jul-2024 13:30	02-Jul-2024 16:12
SO-TC-371B-070224	24G0069-02	Solid	02-Jul-2024 13:45	02-Jul-2024 16:12
SO-TC-371C-070224	24G0069-03	Solid	02-Jul-2024 14:00	02-Jul-2024 16:12

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24G0069

Sample receipt

The sample(s) as listed on the preceding page were received 02-Jul-2024 16:12 under ARI work order 24G0069. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

WORK ORDER

24G0069

Samples will be discarded 90 days after submission of a final report unless other instructions are received.

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Phillip Bates

Project: Superlon Plastics **Project Number:** SLON

Report To:
PERC-Pacific Environmental and Redevelopment Corp
Kenny King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone: (425) 346-0921
Fax:

Invoice To:
PERC-Pacific Environmental and Redevelopment Corp
Jeffrey King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone :(425) 238-2212
Fax:

Date Due: 09-Jul-2024 18:00 (3 day TAT)

Received By: Matthew Daniel Date Received: 02-Jul-2024 16:12

Logged In By: Robert Leesemann Date Logged In: 03-Jul-2024 08:03

Samples Received at: 26.3°C

Intact, properly signed and dated custody seals attached to outside of cooler(s)	No	Custody papers included with the cooler	Yes
Custody papers properly filled out (ink, signed, analyses requested, etc)	Yes	Was a temperature blank included in the cooler	No
Was sufficient ice used (if appropriate)	No	All bottles sealed in individual plastic bags	Yes
All bottles arrived in good condition (unbroken)	Yes	All bottle labels complete and legible	Yes
Number of containers listed on COC match number received	Yes	Bottle labels and tags agree with COC	Yes
Correct bottles used for the requested analyses	Yes	All VOC vials free of air bubbles	No
Analyses/bottles require preservation (attach preservation sheet excluding VOC)	No	Sufficient amount of sample sent in each bottle	Yes
Sample split at ARI	No		

Analysis	Due	TAT	Expires	Comments

WORK ORDER

24G0069

Samples will be discarded 90 days after submission of a final report unless other instructions are received.

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Phillip Bates

Project: Superion Plastics **Project Number:** SLON

Analysis	Due	TAT	Expires	Comments
24G0069-01 SO-TC-371A-070224 [Solid] Sampled 02-Jul-2024 13:30 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	09-Jul-2024 15:00	3	16-Jul-2024 23:59	
TCLP 1311	09-Jul-2024 15:00	3	30-Jul-2024 23:59	
TCLP 6010D - As	09-Jul-2024 15:00	3	29-Dec-2024 23:59	
TCLP 6010D - Pb	09-Jul-2024 15:00	3	29-Dec-2024 23:59	
24G0069-02 SO-TC-371B-070224 [Solid] Sampled 02-Jul-2024 13:45 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	09-Jul-2024 15:00	3	16-Jul-2024 23:59	
TCLP 1311	09-Jul-2024 15:00	3	30-Jul-2024 23:59	
TCLP 6010D - As	09-Jul-2024 15:00	3	29-Dec-2024 23:59	
TCLP 6010D - Pb	09-Jul-2024 15:00	3	29-Dec-2024 23:59	
24G0069-03 SO-TC-371C-070224 [Solid] Sampled 02-Jul-2024 14:00 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	09-Jul-2024 15:00	3	16-Jul-2024 23:59	
TCLP 1311	09-Jul-2024 15:00	3	30-Jul-2024 23:59	
TCLP 6010D - As	09-Jul-2024 15:00	3	29-Dec-2024 23:59	
TCLP 6010D - Pb	09-Jul-2024 15:00	3	29-Dec-2024 23:59	

Reviewed By

Date

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24G0069

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1612 — 26.3°C

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 509708

Cooler Accepted by: MD Date: 07/02/24 Time: 1612

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: RL Date: 7-3-24 Time: 07:54 Labels checked by:

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24G0069

Cooler#: 1 **Temperature(°C):** 26.3ac

Sample ID	Bottle Count	Bottle Type
Samples received above 6.0°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: MD Date: 07/02/24 Time: 1612

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

SO-TC-371A-070224

24G0069-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/02/2024 13:30
Instrument: ICP3 Analyst: SH — Analyzed: 07/09/2024 18:43

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0069-01 A 02
Preparation Batch: BMG0141 — Sample Size: 25 mL (wet)
Prepared: 07/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.162	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

SO-TC-371A-070224

24G0069-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/02/2024 13:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/08/2024 13:46

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0069-01 A

Preparation Batch: BMG0121 — Sample Size: 20.4999 g (wet)

Prepared: 07/05/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.18	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

SO-TC-371B-070224

24G0069-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/02/2024 13:45

Instrument: ICP3 Analyst: SH — Analyzed: 07/09/2024 18:46

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0069-02 A 02

Preparation Batch: BMG0141 — Sample Size: 25 mL (wet)

Prepared: 07/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0880	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

SO-TC-371B-070224

24G0069-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/02/2024 13:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/08/2024 13:46

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0069-02 A

Preparation Batch: BMG0121 — Sample Size: 20.1462 g (wet)

Prepared: 07/05/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.10	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

SO-TC-371C-070224

24G0069-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/02/2024 14:00

Instrument: ICP3 Analyst: SH — Analyzed: 07/09/2024 18:49

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0069-03 A 02

Preparation Batch: BMG0141 — Sample Size: 25 mL (wet)

Prepared: 07/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0875	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.127	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

SO-TC-371C-070224

24G0069-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/02/2024 14:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/08/2024 13:46

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0069-03 A

Preparation Batch: BMG0121 — Sample Size: 20.05 g (wet)

Prepared: 07/05/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.34	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMG0141 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMG0141-BLK1)	Prepared: 06-Jul-2024 Analyzed: 09-Jul-2024 18:40										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMG0121-BS1)				Prepared: 05-Jul-2024 Analyzed: 08-Jul-2024 13:46							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

11 July 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24G0095	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2024.07.11 10:29:03 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24G0095	Turn-around Requested: 3 Day	Date: 7/3/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb only	pH 9045C							Notes/Comments
SO-TC-372A-070324	07/03/24	11:15	Soil	1	✔	✔							
SO-TC-372B-070324	07/03/24	11:30	Soil	1	✔	✔							
SO-TC-372C-070324	07/03/24	11:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: R Leesemann	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/3/2024 13:09	Date & Time: 7-3-24 13:09	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-372A-070324	24G0095-01	Solid	03-Jul-2024 11:15	03-Jul-2024 13:09
SO-TC-372B-070324	24G0095-02	Solid	03-Jul-2024 11:30	03-Jul-2024 13:09
SO-TC-372C-070324	24G0095-03	Solid	03-Jul-2024 11:45	03-Jul-2024 13:09

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24G0095

Sample receipt

The sample(s) as listed on the preceding page were received 03-Jul-2024 13:09 under ARI work order 24G0095. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24G0095 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 13:09 RL 26.0

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 100970

Cooler Accepted by: RL Date: 7-3-24 Time: 13:09

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: SA Date: 7/3/24 Time: 1347 Labels checked by: SA

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24G0095

Cooler#: _____ **Temperature(°C):** 26.0

Sample ID	Bottle Count	Bottle Type
samples received over 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: RL Date: 7-3-24 Time: 13:09

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

SO-TC-372A-070324

24G0095-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/03/2024 11:15
Instrument: ICP3 Analyst: SH — Analyzed: 07/09/2024 18:55

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0095-01 A 02
Preparation Batch: BMG0141 — Sample Size: 25 mL (wet)
Prepared: 07/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.208	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0115	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

SO-TC-372A-070324

24G0095-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/03/2024 11:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/08/2024 13:46

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0095-01 A

Preparation Batch: BMG0121 — Sample Size: 20.9731 g (wet)

Prepared: 07/05/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.04	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

SO-TC-372B-070324

24G0095-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/03/2024 11:30

Instrument: ICP3 Analyst: SH — Analyzed: 07/09/2024 18:58

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0095-02 A 02

Preparation Batch: BMG0141 — Sample Size: 25 mL (wet)

Prepared: 07/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.167	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0355	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

SO-TC-372B-070324

24G0095-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/03/2024 11:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/08/2024 13:46

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0095-02 A

Preparation Batch: BMG0121 — Sample Size: 20.5351 g (wet)

Prepared: 07/05/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.01	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

SO-TC-372C-070324

24G0095-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/03/2024 11:45

Instrument: ICP3 Analyst: SH — Analyzed: 07/09/2024 19:01

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0095-03 A 02

Preparation Batch: BMG0141 — Sample Size: 25 mL (wet)

Prepared: 07/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	1.35	mg/L	
Lead	7439-92-1	5	0.0065	0.100	5.24	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

SO-TC-372C-070324

24G0095-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/03/2024 11:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/08/2024 13:46

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0095-03 A

Preparation Batch: BMG0121 — Sample Size: 20.8266 g (wet)

Prepared: 07/05/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.93	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMG0141 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMG0141-BLK1)	Prepared: 06-Jul-2024 Analyzed: 09-Jul-2024 18:40										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMG0121-BS1)				Prepared: 05-Jul-2024 Analyzed: 08-Jul-2024 13:46							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Outlook

RE: Two data packages for your consideration

From Trevor Priestley <TPriestley@tpchd.org>
on behalf of
EH SolidWaste <EHSolidWaste@tpchd.org>
Date Fri 7/19/2024 8:43 AM
To kking perc-nw.com <kking@perc-nw.com>
Cc JEFFREY KING <jking@percnw.com>; EH SolidWaste <EHSolidWaste@tpchd.org>

Hi Kenny,
I have reviewed the data. These soils, with the exception of SO-TC-374A-071124, are appropriate for disposal under WDA 2793R.

Thank you,

Trevor Priestley (he/him)
Environmental Health Specialist III
Waste Management
(253) 649-1842 o • (253) 377-5471 c
tpriestley@tpchd.org

Tacoma-Pierce County Health Department
Healthy People in Healthy Communities

tpchd.org | Facebook | Instagram | X | YouTube

From: kking perc-nw.com <kking@perc-nw.com>
Sent: Friday, July 19, 2024 6:36 AM
To: EH SolidWaste <EHSolidWaste@tpchd.org>
Cc: JEFFREY KING <jking@percnw.com>
Subject: Re: Two data packages for your consideration

CAUTION: External Email - Verify contents

I apologize. I accidentally forgot to attach the lab reports. Please find them attached to this email.

Kenny

From: kking perc-nw.com
Sent: Friday, July 19, 2024 6:19 AM
To: EH SolidWaste <EHSolidWaste@tpchd.org>
Cc: JEFFREY KING <jking@percnw.com>
Subject: Two data packages for your consideration

To Whom It May Concern,

Attached are 2 data packages for your review and approval. Each of the samples are for soil excavated during the remediation of the Superlon Site in Tacoma. Each sample represents approximately 21 cubic yards of soil. **To be clear we are NOT asking for approval for sample SO-TC-374A-071124.** The soil that this sample represents (and the soil adjacent to it (2') in the stockpile) are being re-treated to lower leachability. We are only asking for permission to dispose of the other soil samples at the LRI landfill under permit number WDA 2793R. The following table presents the data.

SAMPLE ID	Arsenic Concentration (TCLP) mg/L	Lead Concentration (TCLP) mg/L	pH	Request
SO-TC-373A-070824	0.11	ND	8.86	Asking for approval
SO-TC-373B-070824	0.303	0.025	9.02	Asking for approval
SO-TC-373C-070824	0.297	0.015	8.88	Asking for approval
SO-TC-374A-071124	0.0555	16.3	9.17	Not asking for approval - Soil will be retreated per instructions in email
SO-TC-374B-071124	0.0695	1.93	9.07	Asking for approval
SO-TC-374C-071124	0.0655	0.02	9.08	Asking for approval

Thanks,
Kenny

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

16 July 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24G0158	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.07.16 09:03:07 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24G0158	Turn-around Requested: 3 Day	Date: 7/8/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-373A-070824	07/08/24	14:15	Soil	1	✔	✔	
SO-TC-373B-070824	07/08/24	14:30	Soil	1	✔	✔	
SO-TC-373C-070824	07/08/24	14:45	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	7/8/2024 15:55		Sarah Ginn	ARLLC	7/8/24 15:55								

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-373A-070824	24G0158-01	Solid	08-Jul-2024 14:15	08-Jul-2024 15:55
SO-TC-373B-070824	24G0158-02	Solid	08-Jul-2024 14:30	08-Jul-2024 15:55
SO-TC-373C-070824	24G0158-03	Solid	08-Jul-2024 14:45	08-Jul-2024 15:55

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24G0158

Sample receipt

The sample(s) as listed on the preceding page were received 08-Jul-2024 15:55 under ARI work order 24G0158. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) was within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 24G0158 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 3.1.3

Time 15:55

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: _____

Cooler Accepted by: _____ Date: 7/8/24 Time: 15:55

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: PIB for SG Date: 07/08/24 Time: 16:06 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24G0158

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type
Sample temp over 6°C at time of arrival (34.3°C)		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 7/8/24 Time: 15:55

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

SO-TC-373A-070824

24G0158-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/08/2024 14:15

Instrument: ICP3 Analyst: SH — Analyzed: 07/11/2024 20:00

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0158-01 A 01

Preparation Batch: BMG0222 — Sample Size: 25 mL (wet)

Prepared: 07/10/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.110	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

SO-TC-373A-070824

24G0158-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/08/2024 14:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/11/2024 18:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0158-01 A

Preparation Batch: BMG0278 — Sample Size: 20.409 g (wet)

Prepared: 07/11/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.86	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

SO-TC-373B-070824

24G0158-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/08/2024 14:30

Instrument: ICP3 Analyst: SH — Analyzed: 07/11/2024 20:03

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0158-02 A 01

Preparation Batch: BMG0222 — Sample Size: 25 mL (wet)

Prepared: 07/10/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.303	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0250	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

SO-TC-373B-070824

24G0158-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/08/2024 14:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/11/2024 18:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0158-02 A

Preparation Batch: BMG0278 — Sample Size: 20.7656 g (wet)

Prepared: 07/11/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.02	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

SO-TC-373C-070824

24G0158-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/08/2024 14:45

Instrument: ICP3 Analyst: SH — Analyzed: 07/11/2024 20:06

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0158-03 A 01

Preparation Batch: BMG0222 — Sample Size: 25 mL (wet)

Prepared: 07/10/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.297	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0150	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

SO-TC-373C-070824

24G0158-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/08/2024 14:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/11/2024 18:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0158-03 A

Preparation Batch: BMG0278 — Sample Size: 20.5922 g (wet)

Prepared: 07/11/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.88	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMG0222 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMG0222-BLK1)					Prepared: 10-Jul-2024 Analyzed: 11-Jul-2024 19:30						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BMG0278 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMG0278-BS1)				Prepared: 11-Jul-2024 Analyzed: 11-Jul-2024 18:00							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			
Duplicate (BMG0278-DUP1)		**Source: 24G0158-01**		Prepared: 11-Jul-2024 Analyzed: 11-Jul-2024 18:00							
pH	8.84	0.01	0.01	pH Units		8.86			0.23	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

18 July 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24G0243	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.07.18 08:39:34 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24G0243	Turn-around Requested: 3 Day	Date: 7/11/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-374A-071124	07/11/24	14:15	Soil	1	✔	✔							
SO-TC-374B-071124	07/11/24	14:30	Soil	1	✔	✔							
SO-TC-374C-071124	07/11/24	14:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Sylvia Acevedo	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/11/2024 16:06	Date & Time: 7/11/24 1606	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-374A-071124	24G0243-01	Solid	11-Jul-2024 14:15	11-Jul-2024 16:06
SO-TC-374B-071124	24G0243-02	Solid	11-Jul-2024 14:30	11-Jul-2024 16:06
SO-TC-374C-071124	24G0243-03	Solid	11-Jul-2024 14:45	11-Jul-2024 16:06

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24G0243

Sample receipt

The sample(s) as listed on the preceding page were received 11-Jul-2024 16:06 under ARI work order 24G0243. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) was within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 24G0243

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1606 — 32.1

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 8117

Cooler Accepted by: SA Date: 7/11/24 Time: 1606

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	(NO)
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: SA Date: 7/11/24 Time: 1614 Labels checked by: SA

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24G0243

Cooler#: _____ **Temperature(°C):** 3.2.1

Sample ID	Bottle Count	Bottle Type
Samples received above 0°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: SA Date: 7/11/24 Time: 1606

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

SO-TC-374A-071124

24G0243-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/11/2024 14:15

Instrument: ICP3 Analyst: SH — Analyzed: 07/16/2024 19:41

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0243-01 A 02

Preparation Batch: BMG0334 — Sample Size: 25 mL (wet)

Prepared: 07/13/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0555	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	16.3	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

SO-TC-374A-071124

24G0243-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/11/2024 14:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/16/2024 16:16

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0243-01 A

Preparation Batch: BMG0397 — Sample Size: 20.0145 g (wet)

Prepared: 07/16/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.17	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

SO-TC-374B-071124

24G0243-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/11/2024 14:30

Instrument: ICP3 Analyst: SH — Analyzed: 07/16/2024 19:32

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0243-02 A 02

Preparation Batch: BMG0334 — Sample Size: 25 mL (wet)

Prepared: 07/13/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0695	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	1.93	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

SO-TC-374B-071124

24G0243-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/11/2024 14:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/16/2024 16:16

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0243-02 A

Preparation Batch: BMG0397 — Sample Size: 20.6341 g (wet)

Prepared: 07/16/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.07	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

SO-TC-374C-071124

24G0243-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/11/2024 14:45

Instrument: ICP3 Analyst: SH — Analyzed: 07/16/2024 19:35

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0243-03 A 02

Preparation Batch: BMG0334 — Sample Size: 25 mL (wet)

Prepared: 07/13/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0655	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0200	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

SO-TC-374C-071124

24G0243-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/11/2024 14:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/16/2024 16:16

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0243-03 A

Preparation Batch: BMG0397 — Sample Size: 20.7458 g (wet)

Prepared: 07/16/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.08	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMG0334 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMG0334-BLK1)				Prepared: 13-Jul-2024 Analyzed: 16-Jul-2024 19:14							
Arsenic	0.0230	0.0140	0.250	mg/L							J
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BMG0334-DUP1)		**Source: 24G0243-01**		Prepared: 13-Jul-2024 Analyzed: 16-Jul-2024 19:44							
Arsenic	0.0545	0.0140	0.250	mg/L		0.0555			1.82	20	J
Lead	15.9	0.0065	0.100	mg/L		16.3			2.68	20	
Matrix Spike (BMG0334-MS1)		**Source: 24G0243-01**		Prepared: 13-Jul-2024 Analyzed: 16-Jul-2024 19:47							
Arsenic	4.26	0.0140	0.250	mg/L	4.00	0.0555	105	75-125			
Lead	20.8	0.0065	0.100	mg/L	4.00	16.3	111	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BMG0397 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMG0397-BS1)				Prepared: 16-Jul-2024 Analyzed: 16-Jul-2024 16:16							
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BMG0397-DUP1)		**Source: 24G0243-01**		Prepared: 16-Jul-2024 Analyzed: 16-Jul-2024 16:16							
pH	9.19	0.01	0.01	pH Units		9.17			0.22	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Outlook

RE: One Data Package for your Consideration

From Trevor Priestley <TPriestley@tpchd.org>
on behalf of
EH SolidWaste <EHSolidWaste@tpchd.org>
Date Tue 7/23/2024 3:46 PM
To kking perc-nw.com <kking@perc-nw.com>; EH SolidWaste <EHSolidWaste@tpchd.org>
Cc JEFFREY KING <jking@percnw.com>

Hi Kenny,
I have reviewed the data. These soils are appropriate for disposal under WDA 2793R.

Thank you,

Trevor Priestley (he/him)
Environmental Health Specialist III
Waste Management
(253) 649-1842 o • (253) 377-5471 c
tpriestley@tpchd.org

Tacoma-Pierce County Health Department
Healthy People in Healthy Communities

tpchd.org | Facebook | Instagram | X | YouTube

From: kking perc-nw.com <kking@perc-nw.com>
Sent: Tuesday, July 23, 2024 6:19 AM
To: EH SolidWaste <EHSolidWaste@tpchd.org>
Cc: JEFFREY KING <jking@percnw.com>
Subject: One Data Package for your Consideration

CAUTION: External Email - Verify contents

To Whom it May Concern,

The attached data, shown and summarized below, are for soil excavated during the remediation of the Superlon Site in Tacoma. Each sample represents approximately 21 cubic yards of soil. We are asking for permission to dispose of this soil at the LRI landfill under permit number WDA 2793R.

SAMPLE ID	Arsenic Concentration (TCLP) mg/L	Lead Concentration (TCLP) mg/L	pH	Request
SO-TC-375A-071524	0.409	0.25	9.02	Asking for approval
SO-TC-375B-071524	0.14	0.0415	9.04	Asking for approval
SO-TC-375C-071524	0.126	0.0875	9.04	Asking for approval

Thanks,
Kenny

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

19 July 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24G0333	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.07.19 08:39:34 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24G0333	Turn-around Requested: 3 Day
AR Client Company: PERC	Phone: 425-346-0921
Client Contact: Kenny King	
Client Project Name: Superlon Plastics	
Client Project #: SLON	Samplers: King

Date: 7/15/2024
Page: of
No. of Coolers:
Cooler Temps:

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-375A-071524	07/15/24	14:00	Soil	1	✔	✔							
SO-TC-375B-071524	07/15/24	14:15	Soil	1	✔	✔							
SO-TC-375C-071524	07/15/24	14:30	Soil	1	✔	✔							

Comments/Special Instructions

Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
Printed Name: Kenny King	Printed Name: Sarah Gh	Printed Name:	Printed Name:
Company: PERC	Company: ARLLC	Company:	Company:
Date & Time: 7/15/24 16:19	Date & Time: 7/15/24 16:19	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-375A-071524	24G0333-01	Solid	15-Jul-2024 14:00	15-Jul-2024 16:19
SO-TC-375B-071524	24G0333-02	Solid	15-Jul-2024 14:15	15-Jul-2024 16:19
SO-TC-375C-071524	24G0333-03	Solid	15-Jul-2024 14:30	15-Jul-2024 16:19

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24G0333

Sample receipt

The sample(s) as listed on the preceding page were received 15-Jul-2024 16:19 under ARI work order 24G0333. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Perc
Project Name: Superlon Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 24G0333
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 16.14 — 28.8

If cooler temperature is ~~out~~ of compliance fill out form 00070F — Temp Gun ID#: K0008117

Cooler Accepted by: SG Li Date: 7/15/24 Time: 16:19

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: SA Date: 7/15/24 Time: 1628 Labels checked by: SA

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24G0333

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: _____ Time: _____

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

SO-TC-375A-071524

24G0333-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/15/2024 14:00

Instrument: ICP3 Analyst: SH — Analyzed: 07/17/2024 19:44

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0333-01 A 02

Preparation Batch: BMG0412 — Sample Size: 25 mL (wet)

Prepared: 07/17/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.409	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.250	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

SO-TC-375A-071524

24G0333-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/15/2024 14:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/16/2024 16:16

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0333-01 A

Preparation Batch: BMG0397 — Sample Size: 20.0448 g (wet)

Prepared: 07/16/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.02	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

SO-TC-375B-071524

24G0333-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/15/2024 14:15

Instrument: ICP3 Analyst: SH — Analyzed: 07/17/2024 19:38

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0333-02 A 02

Preparation Batch: BMG0412 — Sample Size: 25 mL (wet)

Prepared: 07/17/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.140	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0415	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

SO-TC-375B-071524

24G0333-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/15/2024 14:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/16/2024 16:16

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0333-02 A

Preparation Batch: BMG0397 — Sample Size: 20.8713 g (wet)

Prepared: 07/16/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.04	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

SO-TC-375C-071524

24G0333-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/15/2024 14:30

Instrument: ICP3 Analyst: SH — Analyzed: 07/17/2024 19:41

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0333-03 A 02

Preparation Batch: BMG0412 — Sample Size: 25 mL (wet)

Prepared: 07/17/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.126	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0875	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

SO-TC-375C-071524

24G0333-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/15/2024 14:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/16/2024 16:16

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0333-03 A

Preparation Batch: BMG0397 — Sample Size: 20.0451 g (wet)

Prepared: 07/16/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.04	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMG0412 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMG0412-BLK1)				Prepared: 17-Jul-2024 Analyzed: 17-Jul-2024 19:34							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BMG0412-DUP1)		**Source: 24G0333-01**		Prepared: 17-Jul-2024 Analyzed: 17-Jul-2024 19:47							
Arsenic	0.402	0.0140	0.250	mg/L		0.409			1.60	20	
Lead	0.249	0.0065	0.100	mg/L		0.250			0.40	20	
Matrix Spike (BMG0412-MS1)		**Source: 24G0333-01**		Prepared: 17-Jul-2024 Analyzed: 17-Jul-2024 19:50							
Arsenic	4.75	0.0140	0.250	mg/L	4.00	0.409	109	75-125			
Lead	4.30	0.0065	0.100	mg/L	4.00	0.250	101	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMG0397-BS1)				Prepared: 16-Jul-2024 Analyzed: 16-Jul-2024 16:16							
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

Notes and Definitions

*	Flagged value is not within established control limits.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Outlook

RE: Three Data Packages for your consideration

From Trevor Priestley <TPriestley@tpchd.org>
on behalf of
EH SolidWaste <EHSolidWaste@tpchd.org>
Date Mon 7/29/2024 4:04 PM
To kking perc-nw.com <kking@perc-nw.com>; EH SolidWaste <EHSolidWaste@tpchd.org>
Cc JEFFREY KING <jking@percnw.com>

Hi Kenny,
I have reviewed the data. These soils are appropriate for disposal under WDA 2793R.

Thank you,

Trevor Priestley (he/him)
Environmental Health Specialist III
Waste Management
(253) 649-1842 o • (253) 377-5471 c
tpriestley@tpchd.org

Tacoma-Pierce County Health Department
Healthy People in Healthy Communities

tpchd.org | Facebook | Instagram | X | YouTube

From: kking perc-nw.com <kking@perc-nw.com>
Sent: Monday, July 29, 2024 3:46 PM
To: EH SolidWaste <EHSolidWaste@tpchd.org>
Cc: JEFFREY KING <jking@percnw.com>
Subject: Three Data Packages for your consideration

CAUTION: External Email - Verify contents

To Whom it May Concern,

The attached data, shown and summarized below, are for soil excavated during the remediation of the Superlon Site in Tacoma. Each sample represents approximately 21 cubic yards of soil. We are asking for permission to dispose of this soil at the LRI landfill under permit number WDA 2793R.

SAMPLE ID	Arsenic Concentration (TCLP) mg/L	Lead Concentration (TCLP) mg/L	pH	Request
SO-TC-376A-071624	0.417	0.068	8.66	Asking for approval

SO-TC-376B-071624	0.505	ND	8.91	Asking for approval
SO-TC-376C-071624	0.133	1.79	8.98	Asking for approval
SO-TC-377A-071724	0.0985	0.262	8.9	Asking for approval
SO-TC-377B-071724	0.51	ND	9.05	Asking for approval
SO-TC-377C-071724	0.37	0.0075	8.82	Asking for approval

Thanks,
Kenny

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

29 July 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24G0354	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.07.29 14:39:39 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24G0354	Turn-around Requested: 3 Day	Date: 7/16/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-376A-071624	07/16/24	14:00	Soil	1	✔	✔	
SO-TC-376B-071624	07/16/24	14:15	Soil	1	✔	✔	
SO-TC-376C-071624	07/16/24	14:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time
	Kenny King	Kenny King	PERC	7/16/24 16:19		Sylvi Acevedo	ARI	7/16/24 1619								

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-376A-071624	24G0354-01	Solid	16-Jul-2024 14:00	16-Jul-2024 16:19
SO-TC-376B-071624	24G0354-02	Solid	16-Jul-2024 14:15	16-Jul-2024 16:19
SO-TC-376C-071624	24G0354-03	Solid	16-Jul-2024 14:30	16-Jul-2024 16:19

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24G0354

Sample receipt

The sample(s) as listed on the preceding page were received 16-Jul-2024 16:19 under ARI work order 24G0354. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) was within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 24G0354
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)
Were custody papers included with the cooler? (YES) NO
Were custody papers properly filled out (ink, signed, etc.) (YES) NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1619 30.7

If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: 8117

Cooler Accepted by: SA Date: 7/16/24 Time: 1619

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A
Was sufficient ice used (if appropriate)? NA YES (NO)
How were bottles sealed in plastic bags? Individually (Grouped) Not
Did all bottles arrive in good condition (unbroken)? (YES) NO
Were all bottle labels complete and legible? (YES) NO
Did the number of containers listed on COC match with the number of containers received? (YES) NO
Did all bottle labels and tags agree with custody papers? (YES) NO
Were all bottles used correct for the requested analyses? (YES) NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ... NA YES (NO)
Were all VOC vials free of air bubbles? (NA) YES NO
Was sufficient amount of sample sent in each bottle? (YES) NO
Date VOC Trip Blank was made at ARI (NA)
Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: SA Date: 7/16/24 Time: 1625 Labels checked by: SA

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24G0354

Cooler#: _____ **Temperature(°C):** 30.7

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: SA Date: 7/16/24 Time: 1619

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

SO-TC-376A-071624

24G0354-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/16/2024 14:00
Instrument: ICP3 Analyst: SH — Analyzed: 07/25/2024 18:43

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0354-01 A 01
Preparation Batch: BMG0554 — Sample Size: 25 mL (wet)
Prepared: 07/23/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.417	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0680	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

SO-TC-376A-071624

24G0354-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/16/2024 14:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/22/2024 11:59

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0354-01 A

Preparation Batch: BMG0533 — Sample Size: 20.0586 g (wet)

Prepared: 07/22/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.66	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

SO-TC-376B-071624

24G0354-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/16/2024 14:15

Instrument: ICP3 Analyst: SH — Analyzed: 07/25/2024 18:30

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0354-02 A 01

Preparation Batch: BMG0554 — Sample Size: 25 mL (wet)

Prepared: 07/23/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.505	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

SO-TC-376B-071624

24G0354-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/16/2024 14:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/22/2024 11:59

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0354-02 A

Preparation Batch: BMG0533 — Sample Size: 20.0625 g (wet)

Prepared: 07/22/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.91	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

SO-TC-376C-071624

24G0354-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/16/2024 14:30

Instrument: ICP3 Analyst: SH — Analyzed: 07/25/2024 18:46

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0354-03 A 01

Preparation Batch: BMG0554 — Sample Size: 25 mL (wet)

Prepared: 07/23/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.133	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	1.79	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

SO-TC-376C-071624

24G0354-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/16/2024 14:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/22/2024 11:59

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0354-03 A

Preparation Batch: BMG0533 — Sample Size: 20.8147 g (wet)

Prepared: 07/22/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.98	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMG0554 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMG0554-BLK1)					Prepared: 23-Jul-2024 Analyzed: 25-Jul-2024 18:24						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BMG0533 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMG0533-BS1)				Prepared: 22-Jul-2024 Analyzed: 22-Jul-2024 11:59							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			
Duplicate (BMG0533-DUP1)		**Source: 24G0354-01**		Prepared: 22-Jul-2024 Analyzed: 22-Jul-2024 11:59							
pH	8.70	0.01	0.01	pH Units		8.66			0.46	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

29 July 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24G0392	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.07.29 14:40:55 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24G0392	Turn-around Requested: 3 Day	Date: 7/17/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-377A-071724	07/17/24	14:30	Soil	1	✔	✔							
SO-TC-377B-071724	07/17/24	14:45	Soil	1	✔	✔							
SO-TC-377C-071724	07/17/24	15:00	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Sarah Ginn	Printed Name:	Printed Name:
	Company: PERC	Company: ARLLC	Company:	Company:
	Date & Time: 7/17/2024 16:22	Date & Time: 7/17/2024 16:22	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-377A-071724	24G0392-01	Solid	17-Jul-2024 14:30	17-Jul-2024 16:22
SO-TC-377B-071724	24G0392-02	Solid	17-Jul-2024 14:45	17-Jul-2024 16:22
SO-TC-377C-071724	24G0392-03	Solid	17-Jul-2024 15:00	17-Jul-2024 16:22

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:40

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24G0392

Sample receipt

The sample(s) as listed on the preceding page were received 17-Jul-2024 16:22 under ARI work order 24G0392. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Perc
Project Name: Superlon Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 24G0392
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 27.9

Time 16:22
If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: 97065

Cooler Accepted by: [signature] Date: 7/17/24 Time: 16:22

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: [signature] Date: 7/17/24 Time: 16:34 Labels checked by: SL

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24G0392

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type
Sample temps over 6°C at time of arrival (27.9°C)		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 7/17/24 Time: 1622

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:40

SO-TC-377A-071724

24G0392-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/17/2024 14:30
Instrument: ICP3 Analyst: SH — Analyzed: 07/25/2024 18:49

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0392-01 A 01
Preparation Batch: BMG0554 — Sample Size: 25 mL (wet)
Prepared: 07/23/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0985	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.262	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:40

SO-TC-377A-071724

24G0392-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/17/2024 14:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/22/2024 11:59

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0392-01 A

Preparation Batch: BMG0533 — Sample Size: 20.2253 g (wet)

Prepared: 07/22/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.90	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:40

SO-TC-377B-071724

24G0392-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/17/2024 14:45

Instrument: ICP3 Analyst: SH — Analyzed: 07/25/2024 18:52

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0392-02 A 01

Preparation Batch: BMG0554 — Sample Size: 25 mL (wet)

Prepared: 07/23/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.510	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:40

SO-TC-377B-071724

24G0392-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/17/2024 14:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/22/2024 11:59

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0392-02 A

Preparation Batch: BMG0533 — Sample Size: 20.4563 g (wet)

Prepared: 07/22/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.05	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:40

SO-TC-377C-071724

24G0392-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/17/2024 15:00

Instrument: ICP3 Analyst: SH — Analyzed: 07/25/2024 18:55

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0392-03 A 01

Preparation Batch: BMG0554 — Sample Size: 25 mL (wet)

Prepared: 07/23/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.370	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0075	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:40

SO-TC-377C-071724

24G0392-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/17/2024 15:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/22/2024 11:59

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0392-03 A

Preparation Batch: BMG0533 — Sample Size: 20.604 g (wet)

Prepared: 07/22/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.82	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:40

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMG0554 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMG0554-BLK1)					Prepared: 23-Jul-2024 Analyzed: 25-Jul-2024 18:24						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:40

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMG0533-BS1)				Prepared: 22-Jul-2024 Analyzed: 22-Jul-2024 11:59							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:40

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	29-Jul-2024 14:40

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Outlook

Re: Six Data Packages for your consideration

From kking perc-nw.com <kking@perc-nw.com>
Date Tue 8/6/2024 3:59 PM
To EH SolidWaste <EHSolidWaste@tpchd.org>
Cc JEFFREY KING <jking@percnw.com>

1 attachments (1 MB)
383A-C - F&B Lab Final.pdf;

Hi Trevor,

I apologize for this error. I have corrected the sample IDs in the table below.

SAMPLE ID	Arsenic Concentration (TCLP) mg/L	Lead Concentration (TCLP) mg/L	pH	Request
SO-TC-378A-072324	0.0965	0.102	8.57	Asking for approval
SO-TC-378B-072324	0.083	1.11	8.27	Asking for approval
SO-TC-378C-072324	0.187	10.1	8.27	Not asking for approval - Soil will be retreated per instructions in email
SO-TC-379A-072424	0.0785	0.0195	8.26	Asking for approval
SO-TC-379B-072424	0.103	ND	8.55	Asking for approval
SO-TC-379C-072424	0.33	0.0605	8.45	Asking for approval
SO-TC-380A-072424	0.255	2	8.14	Asking for approval
SO-TC-380B-072424	3.04	0.067	8.08	Asking for approval
SO-TC-381A-072924	<1	<1	9.6	Asking for approval
SO-TC-381B-072924	<1	<1	9.8	Asking for approval
SO-TC-381C-072924	<1	<1	9.7	Asking for approval
SO-TC-382A-073124	<1	<1	9.5	Asking for approval
SO-TC-382B-073124	<1	<1	9.6	Asking for approval
SO-TC-382C-073124	<1	<1	9.6	Asking for approval
SO-TC-383A-080124	<1	<1	9.5	Asking for approval
SO-TC-383B-080124	<1	1.9	9.4	Asking for approval
SO-TC-383C-080124	<1	<1	9.3	Asking for approval

Thanks,
Kenny

From: Trevor Priestley <TPriestley@tpchd.org> on behalf of EH SolidWaste <EHSolidWaste@tpchd.org>
Sent: Tuesday, August 6, 2024 3:44 PM
To: kking perc-nw.com <kking@perc-nw.com>; EH SolidWaste <EHSolidWaste@tpchd.org>
Cc: JEFFREY KING <jking@percnw.com>
Subject: RE: Six Data Packages for your consideration

Hi Kenny,
I have reviewed the data. These soils, with the exception of SO-TC-378C-072324, are appropriate for disposal under WDA 2793R.

I noticed some of the Sample ID listed in the table below do not correlate to the laboratory reports or are mislabeled. See the green highlights below.

Thank you,

Trevor Priestley (he/him)
Environmental Health Specialist III
Waste Management
(253) 649-1842 o • (253) 377-5471 c
tpriestley@tpchd.org

Tacoma-Pierce County Health Department
Healthy People in Healthy Communities

tpchd.org | Facebook | Instagram | X | YouTube

From: kking perc-nw.com <kking@perc-nw.com>
Sent: Tuesday, August 6, 2024 6:59 AM
To: EH SolidWaste <EHSolidWaste@tpchd.org>
Cc: JEFFREY KING <jking@percnw.com>
Subject: Six Data Packages for your consideration

CAUTION: External Email - Verify contents

To Whom It May Concern,

Attached are 6 data packages for your review and approval. Each of the samples are for soil excavated during the remediation of the Superlon Site in Tacoma. Each sample represents approximately 21 cubic yards of soil. **To be clear we are NOT asking for approval for sample SO-TC-378C-072324.** The soil that this sample represents (and the soil adjacent to it (2') in the stockpile) are being reprocessed. We are only asking for permission to dispose of the other soil samples at the LRI landfill under permit number WDA 2793R. The following table presents the data.

SAMPLE ID	Arsenic Concentration (TCLP) mg/L	Lead Concentration (TCLP) mg/L	pH	Request
SO-TC-378A-072324	0.0965	0.102	8.57	Asking for approval
SO-TC-378B-	0.083	1.11	8.27	Asking for approval

072324				
SO-TC-378C-072324	0.187	10.1	8.27	Not asking for approval - Soil will be reprocessed per instructions in email
SO-TC-379A-072424	0.0785	0.0195	8.26	Asking for approval
SO-TC-379B-072424	0.103	ND	8.55	Asking for approval
SO-TC-379C-072424	0.33	0.0605	8.45	Asking for approval
SO-TC-380A-072424	0.255	2	8.14	Asking for approval
SO-TC-380B-072424	3.04	0.067	8.08	Asking for approval
SO-TC-381A-072924	<1	<1	9.6	Asking for approval
SO-TC-381B-072924	<1	<1	9.8	Asking for approval
SO-TC-381C-072924	<1	<1	9.7	Asking for approval
SO-TC-382A-073124	<1	<1	9.5	Asking for approval
SO-TC-382B-073124	<1	<1	9.6	Asking for approval
SO-TC-382C-073124	<1	<1	9.6	Asking for approval
SO-TC-382A-080124	<1	<1	9.5	Asking for approval
SO-TC-382B-080124	<1	1.9	9.4	Asking for approval
SO-TC-382C-080124	<1	<1	9.3	Asking for approval

Thanks,
Kenny

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

05 August 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24G0508	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.08.05 14:07:15 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 2460508	Turn-around Requested: 3 Day	Date: 07/23/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
					Analysis Requested								
SO-TC-378A-072324	07/23/24	09:15	Soil	1	✔	✔							
SO-TC-378B-072324	07/23/24	09:30	Soil	1	✔	✔							
SO-TC-378C-072324	07/23/24	09:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Sylvia Acevedo	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/23/2024 15:39	Date & Time: 7/23/24 1539	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-378A-072324	24G0508-01	Solid	23-Jul-2024 09:15	23-Jul-2024 15:39
SO-TC-378B-072324	24G0508-02	Solid	23-Jul-2024 09:30	23-Jul-2024 15:39
SO-TC-378C-072324	24G0508-03	Solid	23-Jul-2024 09:45	23-Jul-2024 15:39

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24G0508

Sample receipt

Sample(s) as listed on the preceding page were received 23-Jul-2024 15:39 under ARI work order 24G0508. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24G0508 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1539 25.1

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 97088

Cooler Accepted by: SA Date: 7/23/24 Time: 1539

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: ES Date: 7/23/24 Time: 1624 Labels checked by: ES

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 2460508

Cooler#: _____ **Temperature(°C):** 25.1

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: SA Date: 7/23/24 Time: 1537

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

SO-TC-378A-072324

24G0508-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/23/2024 09:15

Instrument: ICP3 Analyst: SH — Analyzed: 07/29/2024 20:39

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0508-01 A 02

Preparation Batch: BMG0625 — Sample Size: 25 mL (wet)

Prepared: 07/25/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0965	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.102	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

SO-TC-378A-072324

24G0508-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/23/2024 09:15

Instrument: Accumet AB150 Analyst: ARR — Analyzed: 07/25/2024 11:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0508-01 A

Preparation Batch: BMG0609 — Sample Size: 20.1726 g (wet)

Prepared: 07/24/2024 — Final Volume: 20.1726 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.57	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

SO-TC-378B-072324

24G0508-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/23/2024 09:30

Instrument: ICP3 Analyst: SH — Analyzed: 07/29/2024 20:42

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0508-02 A 02

Preparation Batch: BMG0625 — Sample Size: 25 mL (wet)

Prepared: 07/25/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0830	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	1.11	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

SO-TC-378B-072324

24G0508-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/23/2024 09:30

Instrument: Accumet AB150 Analyst: ARR — Analyzed: 07/25/2024 11:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0508-02 A

Preparation Batch: BMG0609 — Sample Size: 20.0126 g (wet)

Prepared: 07/24/2024 — Final Volume: 20.0126 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.27	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

SO-TC-378C-072324

24G0508-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/23/2024 09:45

Instrument: ICP3 Analyst: SH — Analyzed: 07/29/2024 20:45

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0508-03 A 02

Preparation Batch: BMG0625 — Sample Size: 25 mL (wet)

Prepared: 07/25/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.187	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	10.1	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

SO-TC-378C-072324

24G0508-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/23/2024 09:45

Instrument: Accumet AB150 Analyst: ARR — Analyzed: 07/25/2024 11:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0508-03 A

Preparation Batch: BMG0609 — Sample Size: 20.1702 g (wet)

Prepared: 07/24/2024 — Final Volume: 20.1702 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.27	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMG0625 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMG0625-BLK1)					Prepared: 25-Jul-2024 Analyzed: 29-Jul-2024 20:33						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

Instrument: Accumet AB150 Analyst: ARR

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMG0609-BS1)				Prepared: 24-Jul-2024 Analyzed: 25-Jul-2024 11:04							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

05 August 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24G0545	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2024.08.05 14:10:50 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24G0545	Turn-around Requested: 3 Day	Date: 7/24/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 27.9 C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-379A-072424	07/24/24	14:00	Soil	1	✔	✔							
SO-TC-379B-072424	07/24/24	14:15	Soil	1	✔	✔							
SO-TC-379C-072424	07/24/24	14:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Sylvi Acevedo	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/24/2024 16:24	Date & Time: 7/24/24 1624	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-379A-072424	24G0545-01	Solid	24-Jul-2024 14:00	24-Jul-2024 16:24
SO-TC-379B-072424	24G0545-02	Solid	24-Jul-2024 14:15	24-Jul-2024 16:24
SO-TC-379C-072424	24G0545-03	Solid	24-Jul-2024 14:30	24-Jul-2024 16:24

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24G0545

Sample receipt

Sample(s) as listed on the preceding page were received 24-Jul-2024 16:24 under ARI work order 24G0545. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 24G0545
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)
Were custody papers included with the cooler? (YES) NO
Were custody papers properly filled out (ink, signed, etc.) (YES) NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)
Time 1624 27.9
If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 9708
Cooler Accepted by: SA Date: 7/24/24 Time: 1624

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)
What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A
Was sufficient ice used (if appropriate)? (NA) YES NO SA
How were bottles sealed in plastic bags? Individually (Grouped) Not
Did all bottles arrive in good condition (unbroken)? (YES) NO
Were all bottle labels complete and legible? (YES) NO
Did the number of containers listed on COC match with the number of containers received? (YES) NO
Did all bottle labels and tags agree with custody papers? (YES) NO
Were all bottles used correct for the requested analyses? (YES) NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES (NO)
Were all VOC vials free of air bubbles? (NA) YES NO
Was sufficient amount of sample sent in each bottle? (YES) NO
Date VOC Trip Blank was made at ARI (NA)
Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: SA Date: 7/24/24 Time: 1656 Labels checked by: SA

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24G0545

Cooler#: _____ **Temperature(°C):** 27.9

Sample ID	Bottle Count	Bottle Type
Samples received above 6C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JA Date: 7/24/24 Time: 1624

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

SO-TC-379A-072424

24G0545-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/24/2024 14:00

Instrument: ICP3 Analyst: SH — Analyzed: 07/29/2024 21:10

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0545-01 A 02

Preparation Batch: BMG0660 — Sample Size: 25 mL (wet)

Prepared: 07/26/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0785	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0195	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

SO-TC-379A-072424

24G0545-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/24/2024 14:00

Instrument: Accumet AB150 Analyst: ARR — Analyzed: 07/25/2024 11:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0545-01 A

Preparation Batch: BMG0610 — Sample Size: 20.1041 g (wet)

Prepared: 07/24/2024 — Final Volume: 20.1041 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.26	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

SO-TC-379B-072424

24G0545-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/24/2024 14:15

Instrument: ICP3 Analyst: SH — Analyzed: 07/29/2024 21:13

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0545-02 A 02

Preparation Batch: BMG0660 — Sample Size: 25 mL (wet)

Prepared: 07/26/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.103	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

SO-TC-379B-072424

24G0545-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/24/2024 14:15

Instrument: Accumet AB150 Analyst: ARR — Analyzed: 07/25/2024 11:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0545-02 A

Preparation Batch: BMG0610 — Sample Size: 20.1079 g (wet)

Prepared: 07/24/2024 — Final Volume: 20.1079 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.55	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

SO-TC-379C-072424

24G0545-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/24/2024 14:30

Instrument: ICP3 Analyst: SH — Analyzed: 07/29/2024 21:16

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0545-03 A 02

Preparation Batch: BMG0660 — Sample Size: 25 mL (wet)

Prepared: 07/26/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.330	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0605	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

SO-TC-379C-072424

24G0545-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/24/2024 14:30

Instrument: Accumet AB150 Analyst: ARR — Analyzed: 07/25/2024 11:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0545-03 A

Preparation Batch: BMG0610 — Sample Size: 20.18 g (wet)

Prepared: 07/24/2024 — Final Volume: 20.18 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.45	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMG0660 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMG0660-BLK1)					Prepared: 26-Jul-2024 Analyzed: 29-Jul-2024 21:07						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

Instrument: Accumet AB150 Analyst: ARR

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMG0610-BS1)				Prepared: 24-Jul-2024 Analyzed: 25-Jul-2024 11:04							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

05 August 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24G0546	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2024.08.05 14:13:51 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24G0546	Turn-around Requested: 3 Day	Date: 7/24/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 27.9
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C	Analysis Requested						Notes/Comments
SO-TC-380A-072424	07/24/24	14:45	Soil	1	✔	✔							
SO-TC-380B-072424	07/24/24	15:00	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jydu Acevedo	Printed Name:	Printed Name:
	Company: PERC	Company: AR1	Company:	Company:
	Date & Time: 7/24/2024 16:24	Date & Time: 7/24/24 1624	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	05-Aug-2024 14:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-380A-072424	24G0546-01	Solid	24-Jul-2024 14:45	24-Jul-2024 16:24
SO-TC-380B-072424	24G0546-02	Solid	24-Jul-2024 15:00	24-Jul-2024 16:24

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:11

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24G0546

Sample receipt

Sample(s) as listed on the preceding page were received 24-Jul-2024 16:24 under ARI work order 24G0546. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24G0546

Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1624 27.9

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 9708

Cooler Accepted by: SA Date: 7/24/24 Time: 1624

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A

Was sufficient ice used (if appropriate)? (NA) YES NO SA

How were bottles sealed in plastic bags? Individually (Grouped) Not

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ... (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA)

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: ES Date: 7/24/24 Time: 1704 Labels checked by: ES

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24G0546

Cooler#: _____ **Temperature(°C):** 27.9

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JA Date: 7/24/24 Time: 1624

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:11

SO-TC-380A-072424

24G0546-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/24/2024 14:45

Instrument: ICP3 Analyst: SH — Analyzed: 07/29/2024 21:19

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0546-01 A 02

Preparation Batch: BMG0660 — Sample Size: 25 mL (wet)

Prepared: 07/26/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.255	mg/L	
Lead	7439-92-1	5	0.0065	0.100	2.00	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:11

SO-TC-380A-072424

24G0546-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/24/2024 14:45

Instrument: Accumet AB150 Analyst: ARR — Analyzed: 07/25/2024 11:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0546-01 A

Preparation Batch: BMG0610 — Sample Size: 20.1135 g (wet)

Prepared: 07/24/2024 — Final Volume: 20.1135 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.14	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:11

SO-TC-380B-072424

24G0546-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/24/2024 15:00

Instrument: ICP3 Analyst: SH — Analyzed: 07/29/2024 21:22

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0546-02 A 02

Preparation Batch: BMG0660 — Sample Size: 25 mL (wet)

Prepared: 07/26/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	3.04	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0670	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:11

SO-TC-380B-072424

24G0546-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/24/2024 15:00

Instrument: Accumet AB150 Analyst: ARR — Analyzed: 07/25/2024 11:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0546-02 A

Preparation Batch: BMG0610 — Sample Size: 20.0995 g (wet)

Prepared: 07/24/2024 — Final Volume: 20.0995 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.08	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:11

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMG0660 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMG0660-BLK1)					Prepared: 26-Jul-2024 Analyzed: 29-Jul-2024 21:07						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:11

Instrument: Accumet AB150 Analyst: ARR

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMG0610-BS1)				Prepared: 24-Jul-2024 Analyzed: 25-Jul-2024 11:04							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:11

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:11

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

July 31, 2024

Kenny King, Project Manager
Pacific Environmental and Redevelopment Corporation
8424 E Meadow Lake Drive
Snohomish, WA 98290

Dear Mr King:

Included are the results from the testing of material submitted on July 30, 2024 from the Superlon Plastics SLON, F&BI 407449 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Jeff King (PRC), Kim Oliva-Membreno (PRC)
PRC0731R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on July 30, 2024 by Friedman & Bruya, Inc. from the Pacific Environmental and Redevelopment Corporation Superlon Plastics SLON, F&BI 407449 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Pacific Environmental and Redevelopment Corporation
407449 -01	SO-TC-381A-072924
407449 -02	SO-TC-381B-072924
407449 -03	SO-TC-381C-072924

All quality control requirements were acceptable.

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-381A-072924	Client:	PERC
Date Received:	07/30/24	Project:	Superlon Plastics SLON
Date Extracted:	07/30/24	Lab ID:	407449-01
Date Analyzed:	07/31/24	Data File:	407449-01.067
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-381B-072924	Client:	PERC
Date Received:	07/30/24	Project:	Superlon Plastics SLON
Date Extracted:	07/30/24	Lab ID:	407449-02
Date Analyzed:	07/31/24	Data File:	407449-02.070
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-381C-072924	Client:	PERC
Date Received:	07/30/24	Project:	Superlon Plastics SLON
Date Extracted:	07/30/24	Lab ID:	407449-03
Date Analyzed:	07/31/24	Data File:	407449-03.071
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	Method Blank	Client:	PERC
Date Received:	NA	Project:	Superlon Plastics SLON
Date Extracted:	07/30/24	Lab ID:	I4-613 mb
Date Analyzed:	07/31/24	Data File:	I4-613 mb.065
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Date of Report: 07/31/24
Date Received: 07/30/24
Project: Superlon Plastics SLON, F&BI 407449
Date Extracted: 07/31/24
Date Analyzed: 07/31/24

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR pH USING EPA METHOD 9045D

Sample ID Laboratory ID	pH
SO-TC-381A-072924 407449-01	9.6
SO-TC-381B-072924 407449-02	9.8
SO-TC-381C-072924 407449-03	9.7

Date of Report: 07/31/24
Date Received: 07/30/24
Project: Superlon Plastics SLON, F&BI 407449

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL/SOLID SAMPLES FOR TCLP METALS USING EPA METHODS 6020B AND 1311

Laboratory Code: 407449-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/L (ppm)	1.0	<1	93	93	75-125	0
Lead	mg/L (ppm)	1.0	<1	97	96	75-125	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/L (ppm)	1.0	95	80-120
Lead	mg/L (ppm)	1.0	96	80-120

Date of Report: 07/31/24
Date Received: 07/30/24
Project: Superlon Plastics SLON, F&BI 407449

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR pH BY METHOD 9045D

Laboratory Code: 407448-01

Analyte	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
pH	7.6	7.7	1	0-20

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the standard reporting limit. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

407449

SAMPLE CHAIN OF CUSTODY ME 07/30/24 M1

Report To Kenny King
Company PERC
Address 8424 E Meadow Lake Drive
City, State, ZIP Snohomish, WA 98290
Phone 425-346-0921 Email KKing@PERC-NW.com

SAMPLERS (*signature*) Kenny King

PROJECT NAME: Superlon Plastics
PO #: SLON

REMARKS
Project Specific RLs - Yes / No

INVOICE TO
KKing@PERC-NW.com
TKing@PERCNW.com

Page # _____ of _____

TURNAROUND TIME
Standard Turnaround
RUSH ASAP
Rush charges authorized by:

SAMPLE DISPOSAL
(Dispose after 30 days)
Archive Samples
Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	TCLP 1311 As/Pb only	pH 9045C				Notes
SO-TC-381A-072924	01 A	7/29/24	14:45	Soil	1							X	X				
SO-TC-381B-072924	02	7/29/24	15:00	Soil	1							X	X				
SO-TC-381C-072924	03	7/29/24	15:15	Soil	1							X	X				
																	Samples received at 4 °C

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Kenny King	Kenny King	PERC	7/30/24	15:15
Received by:	Mac Gollum	PBZ	7/30/24	15:15
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
5500 4th Avenue S
Seattle, WA 98108
Ph. (206) 285-8282

SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 407449 CLIENT PSRL INITIALS/ DATE: 7/30 MV

If custody seals are present on cooler, are they intact? ☒ NA ☐ YES ☐ NO

Cooler/Sample temperature 4 °C
Thermometer ID: Fluke 96312917

Were samples received on ice/cold packs? ☒ YES ☐ NO

How did samples arrive?
☐ Over the Counter ☒ Picked up by F&BI ☐ FedEx/UPS/GSO

Is there a Chain-of-Custody* (COC)? ☒ YES ☐ NO **Initials/ Date:** MV 7/30
*or other representative documents, letters, and/or shipping memos

Number of days samples have been sitting prior to receipt at laboratory 01 days

Are the samples clearly identified? (explain "no" answer below) ☒ YES ☐ NO

Were all sample containers received intact (i.e. not broken, leaking etc.)? (explain "no" answer below) ☒ YES ☐ NO

Were appropriate sample containers used? ☒ YES ☐ NO ☐ Unknown

If custody seals are present on samples, are they intact? ☒ NA ☐ YES ☐ NO

Are samples requiring no headspace, headspace free? ☒ NA ☐ YES ☐ NO

Is the following information provided on the COC, and does it match the sample label?
(explain "no" answer below)

Sample ID's	☒ Yes	☐ No	☐ Not on COC/label
Date Sampled	☒ Yes	☐ No	☐ Not on COC/label
Time Sampled	☒ Yes	☐ No	☐ Not on COC/label
# of Containers	☒ Yes	☐ No	
Relinquished	☒ Yes	☐ No	
Requested analysis	☒ Yes	☐ On Hold	

Other comments (use a separate page if needed)

Air Samples: Were any additional canisters/tubes received? ☐ NA ☐ YES ☐ NO

Number of unused TO15 canisters _____ **Number of unused TO17 tubes** _____

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

August 2, 2024

Kenny King, Project Manager
Pacific Environmental and Redevelopment Corporation
8424 E Meadow Lake Drive
Snohomish, WA 98290

Dear Mr King:

Included are the results from the testing of material submitted on August 1, 2024 from the Superlon Plastics SLON, F&BI 408016 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Jeff King (PRC), Kim Oliva-Membreno (PRC)
PRC0802R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on August 1, 2024 by Friedman & Bruya, Inc. from the Pacific Environmental and Redevelopment Corporation Superlon Plastics SLON, F&BI 408016 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Pacific Environmental and Redevelopment Corporation
408016 -01	SO-TC-382A-073124
408016 -02	SO-TC-382B-073124
408016 -03	SO-TC-382C-073124

All quality control requirements were acceptable.

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-382A-073124	Client:	PERC
Date Received:	08/01/24	Project:	Superlon Plastics SLON
Date Extracted:	08/01/24	Lab ID:	408016-01
Date Analyzed:	08/02/24	Data File:	408016-01.061
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-382B-073124	Client:	PERC
Date Received:	08/01/24	Project:	Superlon Plastics SLON
Date Extracted:	08/01/24	Lab ID:	408016-02
Date Analyzed:	08/02/24	Data File:	408016-02.062
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-382C-073124	Client:	PERC
Date Received:	08/01/24	Project:	Superlon Plastics SLON
Date Extracted:	08/01/24	Lab ID:	408016-03
Date Analyzed:	08/02/24	Data File:	408016-03.065
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	Method Blank	Client:	PERC
Date Received:	NA	Project:	Superlon Plastics SLON
Date Extracted:	08/01/24	Lab ID:	I4-624 mb
Date Analyzed:	08/02/24	Data File:	I4-624 mb.054
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Date of Report: 08/02/24
Date Received: 08/01/24
Project: Superlon Plastics SLON, F&BI 408016
Date Extracted: 08/01/24
Date Analyzed: 08/01/24

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR pH USING EPA METHOD 9045D

Sample ID Laboratory ID	pH
SO-TC-382A-073124 408016-01	9.5
SO-TC-382B-073124 408016-02	9.6
SO-TC-382C-073124 408016-03	9.6

Date of Report: 08/02/24
Date Received: 08/01/24
Project: Superlon Plastics SLON, F&BI 408016

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL/SOLID SAMPLES FOR TCLP METALS USING EPA METHODS 6020B AND 1311

Laboratory Code: 408015-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/L (ppm)	1.0	<1	103	98	75-125	5
Lead	mg/L (ppm)	1.0	<1	96	93	75-125	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/L (ppm)	1.0	100	80-120
Lead	mg/L (ppm)	1.0	95	80-120

Date of Report: 08/02/24
Date Received: 08/01/24
Project: Superlon Plastics SLON, F&BI 408016

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR pH BY METHOD 9045D

Laboratory Code: 408015-03

Analyte	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
pH	9.3	9.3	0	0-20

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the standard reporting limit. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

408016

SAMPLE CHAIN OF CUSTODY 08/01/24 MI

Report To Kenny King
Company PERC
Address 8424 E Meadow Lake Drive
City, State, ZIP Snohomish, WA 98290
Phone 425-346-0921 Email KKing@PERC-NW.com

SAMPLERS (*signature*) Kenny King
PROJECT NAME: Superlon Plastics
PO #: SLON
REMARKS: Project Specific RLs - Yes / No
INVOICE TO: KKing@PERC-NW.com JKing@PERCNW.com

Page # _____ of _____

TURNAROUND TIME
Standard Turnaround
RUSH ASAP
Rush charges authorized by:

SAMPLE DISPOSAL
Dispose after 30 days
Archive Samples
Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	TCLP 1311 As/Pb only	pH 9045C				Notes
SO-TC-382A-073124	01	7/31/24	09:15	Soil	1							X	X				
SO-TC-382B-073124	02	7/31/24	09:30	Soil	1							X	X				
SO-TC-382C-073124	03	7/31/24	09:45	Soil	1							X	X				
								Samples received at						Ø	°C		

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Kenny King	Kenny King	PERC	8/1/24	10:55
Received by:	Anh Phan	FBI	08/01/24	12:37
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
5500 4th Avenue S
Seattle, WA 98108
Ph. (206) 285-8282

SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 408016 CLIENT PERC INITIALS/ DATE: AP 08/01/24

If custody seals are present on cooler, are they intact? ☑ NA ☐ YES ☐ NO

Cooler/Sample temperature Ø °C
Thermometer ID: Fluke 96312917

Were samples received on ice/cold packs? ☑ YES ☐ NO

How did samples arrive?
☐ Over the Counter ☑ Picked up by F&BI ☐ FedEx/UPS/GSO

Is there a Chain-of-Custody* (COC)? ☑ YES ☐ NO Initials/ Date: AP 08/01/24
*or other representative documents, letters, and/or shipping memos

Number of days samples have been sitting prior to receipt at laboratory 1 days

Are the samples clearly identified? (explain "no" answer below) ☑ YES ☐ NO

Were all sample containers received intact (i.e. not broken, leaking etc.)? (explain "no" answer below) ☑ YES ☐ NO

Were appropriate sample containers used? ☑ YES ☐ NO ☐ Unknown

If custody seals are present on samples, are they intact? ☑ NA ☐ YES ☐ NO

Are samples requiring no headspace, headspace free? ☑ NA ☐ YES ☐ NO

Is the following information provided on the COC, and does it match the sample label?
(explain "no" answer below)

Sample ID's	☑ Yes ☐ No		☐ Not on COC/label
Date Sampled	☑ Yes ☐ No		☐ Not on COC/label
Time Sampled	☑ Yes ☐ No		☐ Not on COC/label
# of Containers	☑ Yes ☐ No		
Relinquished	☑ Yes ☐ No		
Requested analysis	☑ Yes ☐ On Hold		

Other comments (use a separate page if needed)

Air Samples: Were any additional canisters/tubes received? ☑ NA ☐ YES ☐ NO

Number of unused TO15 canisters _____ **Number of unused TO17 tubes** _____

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

August 2, 2024

Kenny King, Project Manager
Pacific Environmental and Redevelopment Corporation
8424 E Meadow Lake Drive
Snohomish, WA 98290

Dear Mr King:

Included are the results from the testing of material submitted on August 1, 2024 from the Superlon Plastics SLON, F&BI 408015 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Jeff King (PRC), Kim Oliva-Membreno (PRC)
PRC0802R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on August 1, 2024 by Friedman & Bruya, Inc. from the Pacific Environmental and Redevelopment Corporation Superlon Plastics SLON, F&BI 408015 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Pacific Environmental and Redevelopment Corporation
408015 -01	SO-TC-383A-080124
408015 -02	SO-TC-383B-080124
408015 -03	SO-TC-383C-080124

All quality control requirements were acceptable.

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-383A-080124	Client:	PERC
Date Received:	08/01/24	Project:	Superlon Plastics SLON
Date Extracted:	08/01/24	Lab ID:	408015-01
Date Analyzed:	08/02/24	Data File:	408015-01.056
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-383B-080124	Client:	PERC
Date Received:	08/01/24	Project:	Superlon Plastics SLON
Date Extracted:	08/01/24	Lab ID:	408015-02
Date Analyzed:	08/02/24	Data File:	408015-02.059
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	1.9	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-383C-080124	Client:	PERC
Date Received:	08/01/24	Project:	Superlon Plastics SLON
Date Extracted:	08/01/24	Lab ID:	408015-03
Date Analyzed:	08/02/24	Data File:	408015-03.060
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	Method Blank	Client:	PERC
Date Received:	Not Applicable	Project:	Superlon Plastics SLON
Date Extracted:	08/01/24	Lab ID:	I4-624 mb
Date Analyzed:	08/02/24	Data File:	I4-624 mb.054
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Date of Report: 08/02/24
Date Received: 08/01/24
Project: Superlon Plastics SLON, F&BI 408015
Date Extracted: 08/01/24
Date Analyzed: 08/01/24

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR pH USING EPA METHOD 9045D

Sample ID Laboratory ID	pH
SO-TC-383A-080124 408015-01	9.5
SO-TC-383B-080124 408015-02	9.4
SO-TC-383C-080124 408015-03	9.3

Date of Report: 08/02/24
Date Received: 08/01/24
Project: Superlon Plastics SLON, F&BI 408015

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL/SOLID SAMPLES FOR TCLP METALS USING EPA METHODS 6020B AND 1311

Laboratory Code: 408015-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/L (ppm)	1.0	<1	103	98	75-125	5
Lead	mg/L (ppm)	1.0	<1	96	93	75-125	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/L (ppm)	1.0	100	80-120
Lead	mg/L (ppm)	1.0	95	80-120

Date of Report: 08/02/24
Date Received: 08/01/24
Project: Superlon Plastics SLON, F&BI 408015

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR pH BY METHOD 9045D

Laboratory Code: 408015-03

Analyte	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
pH	9.3	9.3	0	0-20

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the standard reporting limit. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

408015

SAMPLE CHAIN OF CUSTODY

08/01/24 M1

Report To Kenny King
Company PERC
Address 8424 E Meadow Lake Drive
City, State, ZIP Snohomish, WA 98290
Phone 425-346-0921 Email KKing@PERC-NW.com

SAMPLERS (*signature*) Kenny King
PROJECT NAME: Superlon Plastics
PO#: SLON
REMARKS: Project Specific RLs - Yes / No
INVOICE TO: KKing@PERC-NW.com JKing@PERCNW.com

Page # _____ of _____

TURNAROUND TIME
Standard Turnaround
RUSH ASAP
Rush charges authorized by:

SAMPLE DISPOSAL
(Dispose after 30 days)
Archive Samples
Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	TCLP 1311 As/Pb only	pH 9045C				Notes
SO-TC-383A-080124	01	8/1/24	07:15	Soil	1							X	X				
SO-TC-383B-080124	02	8/1/24	07:30	Soil	1							X	X				
SO-TC-383C-080124	03	8/1/24	07:45	Soil	1							X	X				
								Samples received at						Ø	°C		

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Kenny King	Kenny King	PERC	8/1/24	10:55
Received by:	Anh Phan	FBI	08/01/24	12:37
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
5500 4th Avenue S
Seattle, WA 98108
Ph. (206) 285-8282

SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 408015 CLIENT PERC INITIALS/ DATE: AP 08/01/24

If custody seals are present on cooler, are they intact? ☑ NA ☐ YES ☐ NO

Cooler/Sample temperature Ø °C
Thermometer ID: Fluke 96312917

Were samples received on ice/cold packs? ☑ YES ☐ NO

How did samples arrive?
☐ Over the Counter ☑ Picked up by F&BI ☐ FedEx/UPS/GSO

Is there a Chain-of-Custody* (COC)? ☑ YES ☐ NO **Initials/ Date:** AP 08/01/24
*or other representative documents, letters, and/or shipping memos

Number of days samples have been sitting prior to receipt at laboratory Ø days

Are the samples clearly identified? (explain "no" answer below) ☑ YES ☐ NO

Were all sample containers received intact (i.e. not broken, leaking etc.)? (explain "no" answer below) ☑ YES ☐ NO

Were appropriate sample containers used? ☑ YES ☐ NO ☐ Unknown

If custody seals are present on samples, are they intact? ☑ NA ☐ YES ☐ NO

Are samples requiring no headspace, headspace free? ☑ NA ☐ YES ☐ NO

Is the following information provided on the COC, and does it match the sample label?
(explain "no" answer below)

Sample ID's	☑ Yes ☐ No	☐ Not on COC/label
Date Sampled	☑ Yes ☐ No	☐ Not on COC/label
Time Sampled	☑ Yes ☐ No	☐ Not on COC/label
# of Containers	☑ Yes ☐ No	
Relinquished	☑ Yes ☐ No	
Requested analysis	☑ Yes ☐ On Hold	

Other comments (use a separate page if needed)

Air Samples: Were any additional canisters/tubes received? ☑ NA ☐ YES ☐ NO

Number of unused TO15 canisters _____ **Number of unused TO17 tubes** _____

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

TestAmerica Job ID: 580-76266-1
Client Project/Site: Superlon

For:
Pacific Environmental and Redevelopment
8424 East Meadow Lake Drive
Snohomish, Washington 98290

Attn: Jeff King

M. Elaine Walker

Authorized for release by:
4/10/2018 3:46:24 PM

Elaine Walker, Project Manager II
(253)248-4972
elaine.walker@testamericainc.com

Links

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

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Job ID: 580-76266-1

Laboratory: TestAmerica Seattle

Narrative

Job Narrative
580-76266-1

Receipt
Three samples were received on 4/3/2018 2:49 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 22.2º C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Qualifiers

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F4	MS/MSD RPD exceeds control limits due to sample size difference.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76266-1

Client Sample ID: SO-TC-1A
Date Collected: 04/03/18 09:32
Date Received: 04/03/18 14:49

Lab Sample ID: 580-76266-1
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060	0.0072	mg/L		04/06/18 15:13	04/09/18 21:43	1
Lead	ND		0.030	0.0027	mg/L		04/06/18 15:13	04/09/18 21:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**10.1**				SU			04/06/18 12:04	1
Percent Solids	**69.8**		0.1	0.1	%			04/04/18 16:19	1
Percent Moisture	**30.2**		0.1	0.1	%			04/04/18 16:19	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76266-1

Client Sample ID: SO-TC-1A
Date Collected: 04/03/18 09:32
Date Received: 04/03/18 14:49

Lab Sample ID: 580-76266-1
Matrix: Solid
Percent Solids: 69.8

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	240	F1	3.4	0.28	mg/Kg	☼	04/05/18 09:24	04/05/18 18:08	1
Lead	670	F2	1.7	0.25	mg/Kg	☼	04/05/18 09:24	04/05/18 18:08	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76266-1

Client Sample ID: SO-TC-1B

Date Collected: 04/03/18 09:35
Date Received: 04/03/18 14:49

Lab Sample ID: 580-76266-2

Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060	0.0072	mg/L		04/06/18 15:13	04/09/18 21:47	1
Lead	ND		0.030	0.0027	mg/L		04/06/18 15:13	04/09/18 21:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**10.2**				SU			04/06/18 12:08	1
Percent Solids	**72.3**		0.1	0.1	%			04/04/18 16:19	1
Percent Moisture	**27.7**		0.1	0.1	%			04/04/18 16:19	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76266-1

Client Sample ID: SO-TC-1B
Date Collected: 04/03/18 09:35
Date Received: 04/03/18 14:49

Lab Sample ID: 580-76266-2
Matrix: Solid
Percent Solids: 72.3

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	180		2.8	0.23	mg/Kg	☼	04/05/18 09:24	04/05/18 18:36	1
Lead	540		1.4	0.21	mg/Kg	☼	04/05/18 09:24	04/05/18 18:36	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76266-1

Client Sample ID: SO-TC-1C
Date Collected: 04/03/18 09:38
Date Received: 04/03/18 14:49

Lab Sample ID: 580-76266-3
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060	0.0072	mg/L		04/06/18 15:13	04/09/18 21:50	1
Lead	ND		0.030	0.0027	mg/L		04/06/18 15:13	04/09/18 21:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	**10.1**				SU			04/06/18 12:14	1
Percent Solids	**68.5**		0.1	0.1	%			04/04/18 16:38	1
Percent Moisture	**31.5**		0.1	0.1	%			04/04/18 16:38	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76266-1

Client Sample ID: SO-TC-1C
Date Collected: 04/03/18 09:38
Date Received: 04/03/18 14:49

Lab Sample ID: 580-76266-3
Matrix: Solid
Percent Solids: 68.5

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	160		3.0	0.25	mg/Kg	☼	04/05/18 09:24	04/05/18 18:40	1
Lead	400		1.5	0.23	mg/Kg	☼	04/05/18 09:24	04/05/18 18:40	1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 580-270678/21-A
Matrix: Solid
Analysis Batch: 270774

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 270678

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0	0.25	mg/Kg		04/05/18 09:24	04/05/18 17:58	1
Lead	ND		1.5	0.22	mg/Kg		04/05/18 09:24	04/05/18 17:58	1

Lab Sample ID: LCS 580-270678/22-A
Matrix: Solid
Analysis Batch: 270774

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 270678

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic			200	181		mg/Kg		90	80 - 120		
Lead			50.0	46.5		mg/Kg		93	80 - 120		

Lab Sample ID: LCSD 580-270678/23-A
Matrix: Solid
Analysis Batch: 270774

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 270678

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic			200	188		mg/Kg		94	80 - 120	4	20
Lead			50.0	48.4		mg/Kg		97	80 - 120	4	20

Lab Sample ID: 580-76266-1 MS
Matrix: Solid
Analysis Batch: 270774

Client Sample ID: SO-TC-1A
Prep Type: Total/NA
Prep Batch: 270678

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic	240	F1	184	357	F1	mg/Kg	☼	63	80 - 120		
Lead	670	F2	45.9	536	4	mg/Kg	☼	-289	80 - 120		

Lab Sample ID: 580-76266-1 MSD
Matrix: Solid
Analysis Batch: 270774

Client Sample ID: SO-TC-1A
Prep Type: Total/NA
Prep Batch: 270678

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	240	F1	206	366	F1	mg/Kg	☼	60	80 - 120	2	20
Lead	670	F2	51.6	772	4 F4	mg/Kg	☼	200	80 - 120	36	20

Lab Sample ID: 580-76266-1 DU
Matrix: Solid
Analysis Batch: 270774

Client Sample ID: SO-TC-1A
Prep Type: Total/NA
Prep Batch: 270678

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	240	F1	221		mg/Kg	☼	9	20
Lead	670	F2	878	F3	mg/Kg	☼	27	20

Lab Sample ID: MB 580-270762/1-B
Matrix: Solid
Analysis Batch: 270971

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 270845

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060	0.0072	mg/L		04/06/18 15:13	04/09/18 20:58	1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: MB 580-270762/1-B
Matrix: Solid
Analysis Batch: 270971

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 270845

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.030	0.0027	mg/L		04/06/18 15:13	04/09/18 20:58	1

Lab Sample ID: LCS 580-270762/2-B
Matrix: Solid
Analysis Batch: 270971

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 270845

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	4.00	4.11		mg/L		103	80 - 120
Lead	1.00	0.953		mg/L		95	80 - 120

Lab Sample ID: LCSD 580-270762/3-B
Matrix: Solid
Analysis Batch: 270971

Client Sample ID: Lab Control Sample Dup
Prep Type: TCLP
Prep Batch: 270845

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	4.00	3.93		mg/L		98	80 - 120	4	20
Lead	1.00	0.928		mg/L		93	80 - 120	3	20

Client Sample ID: SO-TC-1A
Lab Sample ID: 580-76266-1
Date Collected: 04/03/18 09:32
Matrix: Solid
Date Received: 04/03/18 14:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			270762	04/05/18 16:46	R1K	TAL SEA
TCLP	Prep	3010A			270845	04/06/18 15:13	R1K	TAL SEA
TCLP	Analysis	6010C		1	270971	04/09/18 21:43	HJM	TAL SEA
Total/NA	Analysis	9045D		1	270909	04/06/18 12:04	MP	TAL SEA
Total/NA	Analysis	D 2216		1	270645	04/04/18 16:19	TTN	TAL SEA

Client Sample ID: SO-TC-1A
Lab Sample ID: 580-76266-1
Date Collected: 04/03/18 09:32
Matrix: Solid
Date Received: 04/03/18 14:49
Percent Solids: 69.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			270678	04/05/18 09:24	ASJ	TAL SEA
Total/NA	Analysis	6010C		1	270774	04/05/18 18:08	HJM	TAL SEA

Client Sample ID: SO-TC-1B
Lab Sample ID: 580-76266-2
Date Collected: 04/03/18 09:35
Matrix: Solid
Date Received: 04/03/18 14:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			270762	04/05/18 16:46	R1K	TAL SEA
TCLP	Prep	3010A			270845	04/06/18 15:13	R1K	TAL SEA
TCLP	Analysis	6010C		1	270971	04/09/18 21:47	HJM	TAL SEA
Total/NA	Analysis	9045D		1	270909	04/06/18 12:08	MP	TAL SEA
Total/NA	Analysis	D 2216		1	270645	04/04/18 16:19	TTN	TAL SEA

Client Sample ID: SO-TC-1B
Lab Sample ID: 580-76266-2
Date Collected: 04/03/18 09:35
Matrix: Solid
Date Received: 04/03/18 14:49
Percent Solids: 72.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			270678	04/05/18 09:24	ASJ	TAL SEA
Total/NA	Analysis	6010C		1	270774	04/05/18 18:36	HJM	TAL SEA

Client Sample ID: SO-TC-1C
Lab Sample ID: 580-76266-3
Date Collected: 04/03/18 09:38
Matrix: Solid
Date Received: 04/03/18 14:49

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			270762	04/05/18 16:46	R1K	TAL SEA
TCLP	Prep	3010A			270845	04/06/18 15:13	R1K	TAL SEA
TCLP	Analysis	6010C		1	270971	04/09/18 21:50	HJM	TAL SEA
Total/NA	Analysis	9045D		1	270909	04/06/18 12:14	MP	TAL SEA

Lab Chronicle

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76266-1

Client Sample ID: SO-TC-1C
Date Collected: 04/03/18 09:38
Date Received: 04/03/18 14:49

Lab Sample ID: 580-76266-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	270645	04/04/18 16:38	TTN	TAL SEA

Client Sample ID: SO-TC-1C
Date Collected: 04/03/18 09:38
Date Received: 04/03/18 14:49

Lab Sample ID: 580-76266-3
Matrix: Solid
Percent Solids: 68.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			270678	04/05/18 09:24	ASJ	TAL SEA
Total/NA	Analysis	6010C		1	270774	04/05/18 18:40	HJM	TAL SEA

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76266-1

Laboratory: TestAmerica Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Oregon	NELAP	10	WA100007	11-05-18

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
D 2216		Solid	Percent Moisture
D 2216		Solid	Percent Solids

Washington	State Program	10	C553	02-17-19

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
6010C	3010A	Solid	Arsenic
6010C	3010A	Solid	Lead
6010C	3050B	Solid	Arsenic
6010C	3050B	Solid	Lead
9045D		Solid	pH
D 2216		Solid	Percent Moisture
D 2216		Solid	Percent Solids

Sample Summary

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76266-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-76266-1	SO-TC-1A	Solid	04/03/18 09:32	04/03/18 14:49
580-76266-2	SO-TC-1B	Solid	04/03/18 09:35	04/03/18 14:49
580-76266-3	SO-TC-1C	Solid	04/03/18 09:38	04/03/18 14:49

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Loc: 580
76266

TestAmerica Seattle
5755 8th Street E.
Tacoma, WA 98424
Tel. 253-922-2310
Fax 253-922-5047
www.testamericainc.com

☒ Rush
☐ Short Hold

Chain of Custody Record

PERC

Client: Jeff King (JKing@PERC-NW.com)
Client Contact: Kenny King (KKing@PERC-NW.com)
Date: 4/3/2018
Chain of Custody Number: 29462
Address: 8424 E Meadow Lake Drive
Telephone Number (Area Code)/Fax Number: (425) 346-0921
Lab Number:
Page ____ of ____
City: Snohomish
State: WA
Zip Code: 98290
Sampler: KK
Lab Contact:
Project Name and Location (State): Superlon (WA)
Billing Contact:
Contract/Purchase Order/Quote No:

Sample I.D and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	As/Pb TCLP Method 1311	pH reported w/ As/Pb	As/Pb Totals Method 6020	Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt
SO-TC-1A	4/3/18	9:32				X							X	X	X		
SO-TC-1B	4/3/18	9:35				X							X	X	X		
SO-TC-1C	4/3/18	9:38				X							X	X	X		

580-76266 Chain of Custody

Therm. ID: T#5 Cor 22.2 Unc 28.1
Cooler Dsc: None
Wet/Packs Packing: None
Cl: clo
Custody Seal: Yes ___ No X

Cooler: ☐ Yes ☐ No Cooler Temp: ____
Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown
Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required (business days): ☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☐ Other ____
QC Requirements (Specify):

	Date	Time		Date	Time
1. Relinquished By Sign/Print: Kenny King	4/3/18	2:49pm	1. Received By Sign/Print: B. Gan SEA	4.3.18	7449
2. Relinquished By Sign/Print:			2. Received By Sign/Print:		
3. Relinquished By Sign/Print:			3. Received By Sign/Print:		

Comments:

DISTRIBUTION: WHITE – Stays with the Samples; CANARY – Returned to Client with Report; PINK – Field Copy

TAL-8274-580 (0210)

Login Sample Receipt Checklist

Client: Pacific Environmental and Redevelopment

Job Number: 580-76266-1

Login Number: 76266
List Number: 1
Creator: Gall, Brandon A

List Source: TestAmerica Seattle

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	N/A	Not present
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	No ice per client request.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica
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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

TestAmerica Job ID: 580-76322-1
Client Project/Site: Superlon

For:
Pacific Environmental and Redevelopment
8424 East Meadow Lake Drive
Snohomish, Washington 98290

Attn: Jeff King

M. Elaine Walker

Authorized for release by:
4/10/2018 3:53:07 PM

Elaine Walker, Project Manager II
(253)248-4972
elaine.walker@testamericainc.com

Links
Review your project results through TotalAccess
Have a Question? Ask The Expert
Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 580-76322-1

Laboratory: TestAmerica Seattle

Narrative

Job Narrative
580-76322-1

Receipt
Three samples were received on 4/4/2018 4:30 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 15.4º C.

Receipt Exceptions

The following samples were received at the laboratory outside the required temperature criteria: SO-TC-2A (580-76322-1), SO-TC-2B (580-76322-2) and SO-TC-2C (580-76322-3). There was no cooling media present in the cooler.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76322-1

Client Sample ID: SO-TC-2A
Date Collected: 04/04/18 14:14
Date Received: 04/04/18 16:30

Lab Sample ID: 580-76322-1
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/06/18 15:13	04/09/18 22:00	1
Lead	ND		0.030		mg/L		04/06/18 15:13	04/09/18 22:00	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	**10.2**				SU			04/06/18 14:13	1
Percent Solids	**73.6**		0.1		%			04/04/18 16:38	1
Percent Moisture	**26.4**		0.1		%			04/04/18 16:38	1

Client Sample Results

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76322-1

Client Sample ID: SO-TC-2A
Date Collected: 04/04/18 14:14
Date Received: 04/04/18 16:30

Lab Sample ID: 580-76322-1
Matrix: Solid
Percent Solids: 73.6

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	200		3.4		mg/Kg	☼	04/05/18 09:24	04/05/18 18:47	1
Lead	530		1.7		mg/Kg	☼	04/05/18 09:24	04/05/18 18:47	1

Client Sample Results

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76322-1

Client Sample ID: SO-TC-2B

Date Collected: 04/04/18 14:35
Date Received: 04/04/18 16:30

Lab Sample ID: 580-76322-2

Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/06/18 15:13	04/09/18 22:04	1
Lead	ND		0.030		mg/L		04/06/18 15:13	04/09/18 22:04	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	**10.3**				SU			04/06/18 14:17	1
Percent Solids	**74.6**		0.1		%			04/04/18 16:38	1
Percent Moisture	**25.4**		0.1		%			04/04/18 16:38	1

Client Sample Results

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76322-1

Client Sample ID: SO-TC-2B

Date Collected: 04/04/18 14:35
Date Received: 04/04/18 16:30

Lab Sample ID: 580-76322-2

Matrix: Solid
Percent Solids: 74.6

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	180		2.6		mg/Kg	☼	04/05/18 09:24	04/05/18 18:51	1
Lead	390		1.3		mg/Kg	☼	04/05/18 09:24	04/05/18 18:51	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76322-1

Client Sample ID: SO-TC-2C
Date Collected: 04/04/18 14:44
Date Received: 04/04/18 16:30

Lab Sample ID: 580-76322-3
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/06/18 15:13	04/09/18 22:07	1
Lead	ND		0.030		mg/L		04/06/18 15:13	04/09/18 22:07	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	**10.3**				SU			04/06/18 14:19	1
Percent Solids	**71.3**		0.1		%			04/04/18 16:38	1
Percent Moisture	**28.7**		0.1		%			04/04/18 16:38	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76322-1

Client Sample ID: SO-TC-2C
Date Collected: 04/04/18 14:44
Date Received: 04/04/18 16:30

Lab Sample ID: 580-76322-3
Matrix: Solid
Percent Solids: 71.3

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	230		3.2		mg/Kg	☼	04/05/18 09:24	04/05/18 18:55	1
Lead	520		1.6		mg/Kg	☼	04/05/18 09:24	04/05/18 18:55	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76322-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 580-270678/21-A
Matrix: Solid
Analysis Batch: 270774

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 270678

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		3.0		mg/Kg		04/05/18 09:24	04/05/18 17:58	1
Lead	ND		1.5		mg/Kg		04/05/18 09:24	04/05/18 17:58	1

Lab Sample ID: LCS 580-270678/22-A
Matrix: Solid
Analysis Batch: 270774

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 270678

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic			200	181		mg/Kg		90	80 - 120		
Lead			50.0	46.5		mg/Kg		93	80 - 120		

Lab Sample ID: LCSD 580-270678/23-A
Matrix: Solid
Analysis Batch: 270774

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 270678

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic			200	188		mg/Kg		94	80 - 120	4	20
Lead			50.0	48.4		mg/Kg		97	80 - 120	4	20

Lab Sample ID: MB 580-270762/1-B
Matrix: Solid
Analysis Batch: 270971

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 270845

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/06/18 15:13	04/09/18 20:58	1
Lead	ND		0.030		mg/L		04/06/18 15:13	04/09/18 20:58	1

Lab Sample ID: LCS 580-270762/2-B
Matrix: Solid
Analysis Batch: 270971

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 270845

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic			4.00	4.11		mg/L		103	80 - 120		
Lead			1.00	0.953		mg/L		95	80 - 120		

Lab Sample ID: LCSD 580-270762/3-B
Matrix: Solid
Analysis Batch: 270971

Client Sample ID: Lab Control Sample Dup
Prep Type: TCLP
Prep Batch: 270845

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic			4.00	3.93		mg/L		98	80 - 120	4	20
Lead			1.00	0.928		mg/L		93	80 - 120	3	20

Client Sample ID: SO-TC-2A
Lab Sample ID: 580-76322-1
Date Collected: 04/04/18 14:14
Matrix: Solid
Date Received: 04/04/18 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			270762	04/05/18 16:46	R1K	TAL SEA
TCLP	Prep	3010A			270845	04/06/18 15:13	R1K	TAL SEA
TCLP	Analysis	6010C		1	270971	04/09/18 22:00	HJM	TAL SEA
Total/NA	Analysis	9045C		1	270909	04/06/18 14:13	MP	TAL SEA
Total/NA	Analysis	D 2216		1	270645	04/04/18 16:38	TTN	TAL SEA

Client Sample ID: SO-TC-2A
Lab Sample ID: 580-76322-1
Date Collected: 04/04/18 14:14
Matrix: Solid
Date Received: 04/04/18 16:30
Percent Solids: 73.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			270678	04/05/18 09:24	ASJ	TAL SEA
Total/NA	Analysis	6010C		1	270774	04/05/18 18:47	HJM	TAL SEA

Client Sample ID: SO-TC-2B
Lab Sample ID: 580-76322-2
Date Collected: 04/04/18 14:35
Matrix: Solid
Date Received: 04/04/18 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			270762	04/05/18 16:46	R1K	TAL SEA
TCLP	Prep	3010A			270845	04/06/18 15:13	R1K	TAL SEA
TCLP	Analysis	6010C		1	270971	04/09/18 22:04	HJM	TAL SEA
Total/NA	Analysis	9045C		1	270909	04/06/18 14:17	MP	TAL SEA
Total/NA	Analysis	D 2216		1	270645	04/04/18 16:38	TTN	TAL SEA

Client Sample ID: SO-TC-2B
Lab Sample ID: 580-76322-2
Date Collected: 04/04/18 14:35
Matrix: Solid
Date Received: 04/04/18 16:30
Percent Solids: 74.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			270678	04/05/18 09:24	ASJ	TAL SEA
Total/NA	Analysis	6010C		1	270774	04/05/18 18:51	HJM	TAL SEA

Client Sample ID: SO-TC-2C
Lab Sample ID: 580-76322-3
Date Collected: 04/04/18 14:44
Matrix: Solid
Date Received: 04/04/18 16:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			270762	04/05/18 16:46	R1K	TAL SEA
TCLP	Prep	3010A			270845	04/06/18 15:13	R1K	TAL SEA
TCLP	Analysis	6010C		1	270971	04/09/18 22:07	HJM	TAL SEA
Total/NA	Analysis	9045C		1	270909	04/06/18 14:19	MP	TAL SEA

Lab Chronicle

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76322-1

Client Sample ID: SO-TC-2C
Date Collected: 04/04/18 14:44
Date Received: 04/04/18 16:30

Lab Sample ID: 580-76322-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	D 2216		1	270645	04/04/18 16:38	TTN	TAL SEA

Client Sample ID: SO-TC-2C
Date Collected: 04/04/18 14:44
Date Received: 04/04/18 16:30

Lab Sample ID: 580-76322-3
Matrix: Solid
Percent Solids: 71.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			270678	04/05/18 09:24	ASJ	TAL SEA
Total/NA	Analysis	6010C		1	270774	04/05/18 18:55	HJM	TAL SEA

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76322-1

Laboratory: TestAmerica Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Washington	State Program	10	C553	02-17-19

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
6010C	3010A	Solid	Arsenic
6010C	3010A	Solid	Lead
6010C	3050B	Solid	Arsenic
6010C	3050B	Solid	Lead
D 2216		Solid	Percent Moisture
D 2216		Solid	Percent Solids

Sample Summary

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76322-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-76322-1	SO-TC-2A	Solid	04/04/18 14:14	04/04/18 16:30
580-76322-2	SO-TC-2B	Solid	04/04/18 14:35	04/04/18 16:30
580-76322-3	SO-TC-2C	Solid	04/04/18 14:44	04/04/18 16:30

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Seattle
5755 8th Street E.
Tacoma, WA 98424
Tel. 253-922-2310
Fax 253-922-5047
www.testamericainc.com

☒ Rush
☐ Short Hold

Chain of Custody Record

PERC

Client	Client Contact	Date	Chain of Custody Number
Jeff King (JKING@PERC-NW.com)	Kenny King (KKing@PERC-NW.com)	4/4/2018	29464
Address: 8424 E Meadow Lake Drive	Telephone Number (Area Code)/Fax Number: (425) 346-0921	Lab Number	Page ____ of ____
City: Snohomish / State: WA / Zip Code: 98290	Sampler: KK	Lab Contact	
Project Name and Location (State): Superlon (WA)	Billing Contact		
Contract/Purchase Order/Quote No.			

Loc: 580
76322

Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	As/Pb TCLP Method 1311	PH Method 9045C	As/Pb TPH's Method 6010	Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt
SO-TC-2A	4/4/18	14:14				X							X	X	X		
SO-TC-2B	4/4/18	14:35				X							X	X	X		
SO-TC-2C	4/4/18	14:44				X							X	X	X		

580-76322 Chain of Custody

Therm. ID: TR5 Cor: 15.4° Cnc: 15.3°
Cooler Dsc: ____
Packing: ____
Cust. Seal: Yes ____ No X
Wet/Packs/Dry Ice: (None)
FedEx: ____
UPS: ____
Lab Cour: ____
Other: C.D.

Cooler: ☐ Yes ☐ No Cooler Temp: ____

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required (business days): ☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☐ Other ____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By Sign/Print: Kenny King Kenny King	4/4/18	16:30	1. Received By Sign/Print: Ken Hobbs	4-4-18	1630
2. Relinquished By Sign/Print	Date	Time	2. Received By Sign/Print	Date	Time
3. Relinquished By Sign/Print	Date	Time	3. Received By Sign/Print	Date	Time

Comments

DISTRIBUTION: WHITE – Stays with the Samples; CANARY – Returned to Client with Report; PINK – Field Copy

TAL-8274-580 (0210)

Login Sample Receipt Checklist

Client: Pacific Environmental and Redevelopment

Job Number: 580-76322-1

Login Number: 76322
List Number: 1
Creator: Hobbs, Kenneth F

List Source: TestAmerica Seattle

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

TestAmerica Job ID: 580-76357-1
Client Project/Site: Superlon

For:
Pacific Environmental and Redevelopment
8424 East Meadow Lake Drive
Snohomish, Washington 98290

Attn: Jeff King

M. Elaine Walker

Authorized for release by:
4/11/2018 2:12:59 PM

Elaine Walker, Project Manager II
(253)248-4972
elaine.walker@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76357-1

Job ID: 580-76357-1

Laboratory: TestAmerica Seattle

Narrative

Job Narrative
580-76357-1

Receipt
Three samples were received on 4/5/2018 3:46 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 19.5º C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76357-1

Client Sample ID: SO-TC-2D
Date Collected: 04/05/18 11:30
Date Received: 04/05/18 15:46

Lab Sample ID: 580-76357-1
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/06/18 15:13	04/09/18 22:11	1
Lead	ND		0.030		mg/L		04/06/18 15:13	04/09/18 22:11	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	10.1				SU			04/10/18 14:58	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76357-1

Client Sample ID: SO-TC-2E
Date Collected: 04/05/18 11:35
Date Received: 04/05/18 15:46

Lab Sample ID: 580-76357-2
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/06/18 15:13	04/09/18 22:14	1
Lead	ND		0.030		mg/L		04/06/18 15:13	04/09/18 22:14	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	10.1				SU			04/10/18 15:00	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76357-1

Client Sample ID: SO-TC-2F
Date Collected: 04/05/18 11:41
Date Received: 04/05/18 15:46

Lab Sample ID: 580-76357-3
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/06/18 15:13	04/09/18 22:18	1
Lead	ND		0.030		mg/L		04/06/18 15:13	04/09/18 22:18	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	10.2				SU			04/10/18 15:10	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76357-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 580-270762/1-B
Matrix: Solid
Analysis Batch: 270971

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 270845

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/06/18 15:13	04/09/18 20:58	1
Lead	ND		0.030		mg/L		04/06/18 15:13	04/09/18 20:58	1

Lab Sample ID: LCS 580-270762/2-B
Matrix: Solid
Analysis Batch: 270971

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 270845

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic			4.00	4.11		mg/L		103	80 - 120		
Lead			1.00	0.953		mg/L		95	80 - 120		

Lab Sample ID: LCSD 580-270762/3-B
Matrix: Solid
Analysis Batch: 270971

Client Sample ID: Lab Control Sample Dup
Prep Type: TCLP
Prep Batch: 270845

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic			4.00	3.93		mg/L		98	80 - 120	4	20
Lead			1.00	0.928		mg/L		93	80 - 120	3	20

Lab Chronicle

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76357-1

Client Sample ID: SO-TC-2D
Date Collected: 04/05/18 11:30
Date Received: 04/05/18 15:46

Lab Sample ID: 580-76357-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			270762	04/05/18 16:46	R1K	TAL SEA
TCLP	Prep	3010A			270845	04/06/18 15:13	R1K	TAL SEA
TCLP	Analysis	6010C		1	270971	04/09/18 22:11	HJM	TAL SEA
Total/NA	Analysis	9045C		1	271126	04/10/18 14:58	MP	TAL SEA

Client Sample ID: SO-TC-2E
Date Collected: 04/05/18 11:35
Date Received: 04/05/18 15:46

Lab Sample ID: 580-76357-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			270762	04/05/18 16:46	R1K	TAL SEA
TCLP	Prep	3010A			270845	04/06/18 15:13	R1K	TAL SEA
TCLP	Analysis	6010C		1	270971	04/09/18 22:14	HJM	TAL SEA
Total/NA	Analysis	9045C		1	271126	04/10/18 15:00	MP	TAL SEA

Client Sample ID: SO-TC-2F
Date Collected: 04/05/18 11:41
Date Received: 04/05/18 15:46

Lab Sample ID: 580-76357-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			270762	04/05/18 16:46	R1K	TAL SEA
TCLP	Prep	3010A			270845	04/06/18 15:13	R1K	TAL SEA
TCLP	Analysis	6010C		1	270971	04/09/18 22:18	HJM	TAL SEA
Total/NA	Analysis	9045C		1	271126	04/10/18 15:10	MP	TAL SEA

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76357-1

Laboratory: TestAmerica Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Washington	State Program	10	C553	02-17-19

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
6010C	3010A	Solid	Arsenic
6010C	3010A	Solid	Lead

Sample Summary

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76357-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-76357-1	SO-TC-2D	Solid	04/05/18 11:30	04/05/18 15:46
580-76357-2	SO-TC-2E	Solid	04/05/18 11:35	04/05/18 15:46
580-76357-3	SO-TC-2F	Solid	04/05/18 11:41	04/05/18 15:46

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

PERC

TestAmerica Seattle
5755 8th Street E.
Tacoma, WA 98424
Tel. 253-922-2310
Fax 253-922-5047
www.testamericainc.com

☒ Rush

☐ Short Hold

Chain of Custody Record

Client	Client Contact	Date	Chain of Custody Number
Jeff King (JKing@PERC-NW.com)	Kenny King (KKing@PERC-NW.com)	4/5/2018	28706
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page ____ of ____**
8424 E Meadow Lake Drive	(425) 346-0921	76357	
City / **State** / **Zip Code**	**Sampler**	**Lab Contact**	
Snohomish / WA / 98290	KK		
Project Name and Location (State)	**Billing Contact**		
Superlon (WA)			
Contract/Purchase Order/Quote No			

Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis (Attach list if more space is needed): As/Pb TCLP Method 1311	PH Method 9045C
SO-TC-2D	4/5/18	11:30				X							X	X
SO-TC-2E	4/5/18	11:35				X							X	X
SO-TC-2F	4/5/18	11:41				X							X	X

Special Instructions/ Conditions of Receipt

580-76357 Chain of Custody

Therm. ID IR4 Cor 1.5 Unc 1.3

Cooler Dsc: None

Wet/Packs Packing: Bag

Custody Seal. Yes ___ No ___

Cooler: ☐ Yes ☐ No Cooler Temp: ____

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required (business days): ☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☐ Other ____

QC Requirements (Specify)

1. Relinquished By Sign/Print	Date	Time	1. Received By Sign/Print	Date	Time
Kenny King	4/5/18	15:46	Tom Blankinship	4/5/18	1546
2. Relinquished By Sign/Print	Date	Time	2. Received By Sign/Print	Date	Time
3. Relinquished By Sign/Print	Date	Time	3. Received By Sign/Print	Date	Time

Comments

DISTRIBUTION: WHITE – Stays with the Samples; CANARY – Returned to Client with Report, PINK – Field Copy

TAL-8274-580 (0210)

Login Sample Receipt Checklist

Client: Pacific Environmental and Redevelopment

Job Number: 580-76357-1

Login Number: 76357
List Number: 1
Creator: Blankinship, Tom X

List Source: TestAmerica Seattle

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

TestAmerica Job ID: 580-76443-1
Client Project/Site: Superlon

For:
Pacific Environmental and Redevelopment
8424 East Meadow Lake Drive
Snohomish, Washington 98290

Attn: Jeff King

M. Elaine Walker

Authorized for release by:
4/17/2018 2:59:51 PM

Elaine Walker, Project Manager II
(253)248-4972
elaine.walker@testamericainc.com

LINKS
Review your project results through TotalAccess
Have a Question? Ask The Expert
Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76443-1

Job ID: 580-76443-1

Laboratory: TestAmerica Seattle

Narrative

Job Narrative
580-76443-1

Receipt
Three samples were received on 4/10/2018 8:22 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 16.9º C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76443-1

Client Sample ID: SO-TC-3A
Date Collected: 04/09/18 13:30
Date Received: 04/10/18 08:22

Lab Sample ID: 580-76443-1
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.066**		0.060		mg/L		04/13/18 17:44	04/16/18 20:48	1
Lead	ND		0.030		mg/L		04/13/18 17:44	04/16/18 20:48	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	**10.0**				SU			04/10/18 15:12	1
Percent Solids	**69.6**		0.1		%			04/12/18 09:02	1
Percent Moisture	**30.4**		0.1		%			04/12/18 09:02	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76443-1

Client Sample ID: SO-TC-3B
Date Collected: 04/09/18 13:38
Date Received: 04/10/18 08:22

Lab Sample ID: 580-76443-2
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/13/18 17:44	04/16/18 20:52	1
Lead	ND		0.030		mg/L		04/13/18 17:44	04/16/18 20:52	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	**10.2**				SU			04/10/18 15:14	1
Percent Solids	**66.6**		0.1		%			04/12/18 09:02	1
Percent Moisture	**33.4**		0.1		%			04/12/18 09:02	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76443-1

Client Sample ID: SO-TC-3C

Date Collected: 04/09/18 13:48
Date Received: 04/10/18 08:22

Lab Sample ID: 580-76443-3

Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/13/18 17:44	04/16/18 20:55	1
Lead	ND		0.030		mg/L		04/13/18 17:44	04/16/18 20:55	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	**10.1**				SU			04/10/18 15:16	1
Percent Solids	**67.4**		0.1		%			04/12/18 09:02	1
Percent Moisture	**32.6**		0.1		%			04/12/18 09:02	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76443-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 580-271255/1-B
Matrix: Solid
Analysis Batch: 271514

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 271393

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/13/18 17:44	04/16/18 20:09	1
Lead	ND		0.030		mg/L		04/13/18 17:44	04/16/18 20:09	1

Lab Sample ID: LCS 580-271255/2-B
Matrix: Solid
Analysis Batch: 271514

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 271393

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic			4.00	4.32		mg/L		108	80 - 120		
Lead			1.00	1.04		mg/L		104	80 - 120		

Lab Sample ID: LCSD 580-271255/3-B
Matrix: Solid
Analysis Batch: 271514

Client Sample ID: Lab Control Sample Dup
Prep Type: TCLP
Prep Batch: 271393

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic			4.00	4.15		mg/L		104	80 - 120	4	20
Lead			1.00	0.999		mg/L		100	80 - 120	4	20

Lab Chronicle

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76443-1

Client Sample ID: SO-TC-3A
Date Collected: 04/09/18 13:30
Date Received: 04/10/18 08:22

Lab Sample ID: 580-76443-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			271255	04/12/18 15:04	R1K	TAL SEA
TCLP	Prep	3010A			271393	04/13/18 17:44	R1K	TAL SEA
TCLP	Analysis	6010C		1	271514	04/16/18 20:48	HJM	TAL SEA
Total/NA	Analysis	9045C		1	271126	04/10/18 15:12	MP	TAL SEA
Total/NA	Analysis	D 2216		1	271172	04/12/18 09:02	KMS	TAL SEA

Client Sample ID: SO-TC-3B
Date Collected: 04/09/18 13:38
Date Received: 04/10/18 08:22

Lab Sample ID: 580-76443-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			271255	04/12/18 15:04	R1K	TAL SEA
TCLP	Prep	3010A			271393	04/13/18 17:44	R1K	TAL SEA
TCLP	Analysis	6010C		1	271514	04/16/18 20:52	HJM	TAL SEA
Total/NA	Analysis	9045C		1	271126	04/10/18 15:14	MP	TAL SEA
Total/NA	Analysis	D 2216		1	271172	04/12/18 09:02	KMS	TAL SEA

Client Sample ID: SO-TC-3C
Date Collected: 04/09/18 13:48
Date Received: 04/10/18 08:22

Lab Sample ID: 580-76443-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			271255	04/12/18 15:04	R1K	TAL SEA
TCLP	Prep	3010A			271393	04/13/18 17:44	R1K	TAL SEA
TCLP	Analysis	6010C		1	271514	04/16/18 20:55	HJM	TAL SEA
Total/NA	Analysis	9045C		1	271126	04/10/18 15:16	MP	TAL SEA
Total/NA	Analysis	D 2216		1	271172	04/12/18 09:02	KMS	TAL SEA

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76443-1

Laboratory: TestAmerica Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Washington	State Program	10	C553	02-17-19

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
6010C	3010A	Solid	Arsenic
6010C	3010A	Solid	Lead
D 2216		Solid	Percent Moisture
D 2216		Solid	Percent Solids

Sample Summary

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76443-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-76443-1	SO-TC-3A	Solid	04/09/18 13:30	04/10/18 08:22
580-76443-2	SO-TC-3B	Solid	04/09/18 13:38	04/10/18 08:22
580-76443-3	SO-TC-3C	Solid	04/09/18 13:48	04/10/18 08:22

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5755 8th Street E.
Tacoma, WA 98424
Tel. 253-922-2310
Fax 253-922-5047
www.testamericainc.com

☒ Rush
☐ Short Hold

Chain of Custody Record

Client	Client Contact	Date	Chain of Custody Number
Jeff King (JKing@PERC-NW.com)	Kenny King (KKing@PERC-NW.com)	4/9/2018	28707
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page ____ of ____**
8424 E Meadow Lake Drive	(425) 346-0921		
City	**State / Zip Code**	**Sampler**	**Lab Contact**
Snohomish	WA / 98290	KK	
Project Name and Location (State)	**Billing Contact**		
Superlon (WA)			
Contract/Purchase Order/Quote No			

Loc: 580
76443

Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	As/Pb TCLP Method 1311	pH Method 9040C	Analysis (Attach list if more space is needed)
SO-TC-3A	4/9/18	1330				X							X	X	
SO-TC-3B	4/9/18	1338				X							X	X	
SO-TC-3C	4/9/18	1348				X							X	X	

Special Instructions/ Conditions of Receipt

580-76443 Chain of Custody

Therm. ID: IR5 Cor: Ke.9 °C Tm: _
Cooler Dsc: None
Packing: Bag
Cust. Seal: Yes ____ No X
Wet/Packed/Dry Ice/None
FedEx: ____
UPS: ____
Lab Courr: ____
Other: Client drop

Cooler
☐ Yes ☐ No Cooler Temp: ____

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required (business days)
☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☐ Other ASAP

QC Requirements (Specify)

	Relinquished By Sign/Print	Date	Time	Received By Sign/Print	Date	Time
1	Kenny King / Kenny King	4/10/18	8:22	B. Gall B Gall SEATTLE	4.10.18	0822
2						
3						

Comments

DISTRIBUTION: WHITE – Stays with the Samples, CANARY – Returned to Client with Report; PINK – Field Copy

TAL-8274-580 (0210)

Login Sample Receipt Checklist

Client: Pacific Environmental and Redevelopment

Job Number: 580-76443-1

Login Number: 76443
List Number: 1
Creator: Hobbs, Kenneth F

List Source: TestAmerica Seattle

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	
Cooler Temperature is acceptable.	False	Cooler temperature outside required temperature criteria.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica
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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

TestAmerica Job ID: 580-76497-1
Client Project/Site: Superlon

For:
Pacific Environmental and Redevelopment
8424 East Meadow Lake Drive
Snohomish, Washington 98290

Attn: Jeff King

M. Elaine Walker

Authorized for release by:
4/17/2018 3:14:06 PM

Elaine Walker, Project Manager II
(253)248-4972
elaine.walker@testamericainc.com

Links
Review your project results through TotalAccess
Have a Question? Ask The Expert
Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 580-76497-1

Laboratory: TestAmerica Seattle

Narrative

Job Narrative
580-76497-1

Receipt
Three samples were received on 4/10/2018 4:33 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 23.0º C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76497-1

Client Sample ID: SO-TC-3D

Date Collected: 04/10/18 13:02
Date Received: 04/10/18 16:33

Lab Sample ID: 580-76497-1

Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.54**		0.060		mg/L		04/13/18 17:44	04/16/18 20:59	1
Lead	ND		0.030		mg/L		04/13/18 17:44	04/16/18 20:59	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	**10.0**				SU			04/13/18 11:13	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76497-1

Client Sample ID: SO-TC-3E
Date Collected: 04/10/18 13:06
Date Received: 04/10/18 16:33

Lab Sample ID: 580-76497-2
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.12**		0.060		mg/L		04/13/18 17:44	04/16/18 21:02	1
Lead	ND		0.030		mg/L		04/13/18 17:44	04/16/18 21:02	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	**10.1**				SU			04/13/18 11:16	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76497-1

Client Sample ID: SO-TC-3F
Date Collected: 04/10/18 13:11
Date Received: 04/10/18 16:33

Lab Sample ID: 580-76497-3
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/13/18 17:44	04/16/18 21:06	1
Lead	ND		0.030		mg/L		04/13/18 17:44	04/16/18 21:06	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	10.1				SU			04/13/18 11:18	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76497-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 580-271255/1-B
Matrix: Solid
Analysis Batch: 271514

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 271393

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/13/18 17:44	04/16/18 20:09	1
Lead	ND		0.030		mg/L		04/13/18 17:44	04/16/18 20:09	1

Lab Sample ID: LCS 580-271255/2-B
Matrix: Solid
Analysis Batch: 271514

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 271393

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic			4.00	4.32		mg/L		108	80 - 120		
Lead			1.00	1.04		mg/L		104	80 - 120		

Lab Sample ID: LCSD 580-271255/3-B
Matrix: Solid
Analysis Batch: 271514

Client Sample ID: Lab Control Sample Dup
Prep Type: TCLP
Prep Batch: 271393

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic			4.00	4.15		mg/L		104	80 - 120	4	20
Lead			1.00	0.999		mg/L		100	80 - 120	4	20

Lab Chronicle

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76497-1

Client Sample ID: SO-TC-3D

Lab Sample ID: 580-76497-1

Date Collected: 04/10/18 13:02

Matrix: Solid

Date Received: 04/10/18 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			271255	04/12/18 15:04	R1K	TAL SEA
TCLP	Prep	3010A			271393	04/13/18 17:44	R1K	TAL SEA
TCLP	Analysis	6010C		1	271514	04/16/18 20:59	HJM	TAL SEA
Total/NA	Analysis	9045C		1	271377	04/13/18 11:13	R1K	TAL SEA

Client Sample ID: SO-TC-3E

Lab Sample ID: 580-76497-2

Date Collected: 04/10/18 13:06

Matrix: Solid

Date Received: 04/10/18 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			271255	04/12/18 15:04	R1K	TAL SEA
TCLP	Prep	3010A			271393	04/13/18 17:44	R1K	TAL SEA
TCLP	Analysis	6010C		1	271514	04/16/18 21:02	HJM	TAL SEA
Total/NA	Analysis	9045C		1	271377	04/13/18 11:16	R1K	TAL SEA

Client Sample ID: SO-TC-3F

Lab Sample ID: 580-76497-3

Date Collected: 04/10/18 13:11

Matrix: Solid

Date Received: 04/10/18 16:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			271255	04/12/18 15:04	R1K	TAL SEA
TCLP	Prep	3010A			271393	04/13/18 17:44	R1K	TAL SEA
TCLP	Analysis	6010C		1	271514	04/16/18 21:06	HJM	TAL SEA
Total/NA	Analysis	9045C		1	271377	04/13/18 11:18	R1K	TAL SEA

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76497-1

Laboratory: TestAmerica Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Washington	State Program	10	C553	02-17-19

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
6010C	3010A	Solid	Arsenic
6010C	3010A	Solid	Lead

Sample Summary

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76497-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-76497-1	SO-TC-3D	Solid	04/10/18 13:02	04/10/18 16:33
580-76497-2	SO-TC-3E	Solid	04/10/18 13:06	04/10/18 16:33
580-76497-3	SO-TC-3F	Solid	04/10/18 13:11	04/10/18 16:33

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TestAmerica Seattle
5755 8th Street E.
Tacoma, WA 98424
Tel. 253-922-2310
Fax 253-922-5047
www.testamericainc.com

☒ Rush
☐ Short Hold

Chain of Custody Record

Client	Client Contact	Date	Chain of Custody Number
Jeff King (JKing@PERC-NW.com)	Kenny King (KKing@PERC-NW.com)	4/10/2018	28708
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page ____ of ____**
8424 E Meadow Lake Drive	(425) 346-0921	76497	
City	**State / Zip Code**	**Sampler**	**Lab Contact**
Snohomish	WA / 98290	KK	
Project Name and Location (State)	**Billing Contact**		
Superlon (WA)			
Contract/Purchase Order/Quote No.			

Sample I.D and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis (Attach list if more space is needed): As/Pb TCLP Method 1311	PH Method 9045C
SO-TC-3D	4/10/18	1302				X							X	X
SO-TC-3E	4/10/18	1306				X							X	X
SO-TC-3F	4/10/18	1311				X							X	X

Special Instructions/ Conditions of Receipt

580-76497 Chain of Custody

Therm ID: IR4 Cor: 23.0 ° Uncr: 22.5 °
Cooler Dsc. Alive
Packing: Bag
Cust. Seal. Yes ____ No X
Wet/Packs/Dry Ice: None
FedEx: ____
UPS: ____
Lab Coat: ____
Other: ____

Cooler: ☐ Yes ☐ No Cooler Temp: ____

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required (business days)
☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☐ Other ASAP

QC Requirements (Specify)

	Date	Time		Date	Time
1 Relinquished By Sign/Print: Kenny King	4/10/18	16:33	1 Received By Sign/Print: Blankinship	4/10/18	1633
2 Relinquished By Sign/Print:			2 Received By Sign/Print:		
3. Relinquished By Sign/Print:			3. Received By Sign/Print:		

Comments:

DISTRIBUTION: WHITE – Stays with the Samples; CANARY – Returned to Client with Report; PINK – Field Copy

TAL-8274-580 (0210)

Login Sample Receipt Checklist

Client: Pacific Environmental and Redevelopment

Job Number: 580-76497-1

Login Number: 76497
List Number: 1
Creator: Blankinship, Tom X

List Source: TestAmerica Seattle

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Refer to Job Narrative for details.
Cooler Temperature is acceptable.	False	Refer to Job Narrative for details.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

TestAmerica Job ID: 580-76503-1
Client Project/Site: Superlon

For:
Pacific Environmental and Redevelopment
8424 East Meadow Lake Drive
Snohomish, Washington 98290

Attn: Jeff King

M. Elaine Walker

Authorized for release by:
4/17/2018 3:16:56 PM

Elaine Walker, Project Manager II
(253)248-4972
elaine.walker@testamericainc.com

Links

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Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 580-76503-1

Laboratory: TestAmerica Seattle

Narrative

Job Narrative
580-76503-1

Receipt
Three samples were received on 4/11/2018 4:34 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 23.0º C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76503-1

Client Sample ID: SO-TC-4A
Date Collected: 04/10/18 13:16
Date Received: 04/11/18 16:34

Lab Sample ID: 580-76503-1
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/13/18 17:44	04/16/18 21:09	1
Lead	ND		0.030		mg/L		04/13/18 17:44	04/16/18 21:09	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	10.1				SU			04/13/18 11:21	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76503-1

Client Sample ID: SO-TC-4B
Date Collected: 04/10/18 13:30
Date Received: 04/11/18 16:34

Lab Sample ID: 580-76503-2
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/13/18 17:44	04/16/18 21:13	1
Lead	ND		0.030		mg/L		04/13/18 17:44	04/16/18 21:13	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	10.3				SU			04/13/18 11:47	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76503-1

Client Sample ID: SO-TC-4C
Date Collected: 04/10/18 13:43
Date Received: 04/11/18 16:34

Lab Sample ID: 580-76503-3
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/13/18 17:44	04/16/18 21:16	1
Lead	ND		0.030		mg/L		04/13/18 17:44	04/16/18 21:16	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	10.2				SU			04/13/18 11:49	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76503-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 580-271255/1-B
Matrix: Solid
Analysis Batch: 271514

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 271393

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/13/18 17:44	04/16/18 20:09	1
Lead	ND		0.030		mg/L		04/13/18 17:44	04/16/18 20:09	1

Lab Sample ID: LCS 580-271255/2-B
Matrix: Solid
Analysis Batch: 271514

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 271393

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic			4.00	4.32		mg/L		108	80 - 120		
Lead			1.00	1.04		mg/L		104	80 - 120		

Lab Sample ID: LCSD 580-271255/3-B
Matrix: Solid
Analysis Batch: 271514

Client Sample ID: Lab Control Sample Dup
Prep Type: TCLP
Prep Batch: 271393

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic			4.00	4.15		mg/L		104	80 - 120	4	20
Lead			1.00	0.999		mg/L		100	80 - 120	4	20

Lab Chronicle

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76503-1

Client Sample ID: SO-TC-4A

Lab Sample ID: 580-76503-1

Date Collected: 04/10/18 13:16

Matrix: Solid

Date Received: 04/11/18 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			271255	04/12/18 15:04	R1K	TAL SEA
TCLP	Prep	3010A			271393	04/13/18 17:44	R1K	TAL SEA
TCLP	Analysis	6010C		1	271514	04/16/18 21:09	HJM	TAL SEA
Total/NA	Analysis	9045C		1	271377	04/13/18 11:21	R1K	TAL SEA

Client Sample ID: SO-TC-4B

Lab Sample ID: 580-76503-2

Date Collected: 04/10/18 13:30

Matrix: Solid

Date Received: 04/11/18 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			271255	04/12/18 15:04	R1K	TAL SEA
TCLP	Prep	3010A			271393	04/13/18 17:44	R1K	TAL SEA
TCLP	Analysis	6010C		1	271514	04/16/18 21:13	HJM	TAL SEA
Total/NA	Analysis	9045C		1	271377	04/13/18 11:47	R1K	TAL SEA

Client Sample ID: SO-TC-4C

Lab Sample ID: 580-76503-3

Date Collected: 04/10/18 13:43

Matrix: Solid

Date Received: 04/11/18 16:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			271255	04/12/18 15:04	R1K	TAL SEA
TCLP	Prep	3010A			271393	04/13/18 17:44	R1K	TAL SEA
TCLP	Analysis	6010C		1	271514	04/16/18 21:16	HJM	TAL SEA
Total/NA	Analysis	9045C		1	271377	04/13/18 11:49	R1K	TAL SEA

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76503-1

Laboratory: TestAmerica Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Washington	State Program	10	C553	02-17-19

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
6010C	3010A	Solid	Arsenic
6010C	3010A	Solid	Lead

Sample Summary

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76503-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-76503-1	SO-TC-4A	Solid	04/10/18 13:16	04/11/18 16:34
580-76503-2	SO-TC-4B	Solid	04/10/18 13:30	04/11/18 16:34
580-76503-3	SO-TC-4C	Solid	04/10/18 13:43	04/11/18 16:34

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5755 8th Street E.
Tacoma, WA 98424
Tel. 253-922-2310
Fax 253-922-5047
www.testamericainc.com

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Chain of Custody Record

Client	Client Contact	Date	Chain of Custody Number
Jeff King (JKing@PERC-NW.com)	Kenny King (KKing@PERC-NW.com)	4/10/2018	28709
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page ____ of ____**
8424 E Meadow Lake Drive	(425) 346-0921	76503	
City	**State / Zip Code**	**Sampler**	**Lab Contact**
Snohomish	WA / 98290	KK	
Project Name and Location (State)	**Billing Contact**		
Superfon (WA)			
Contract/Purchase Order/Quote No.			

Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH	As/Pb TCLP Method 1311	pH - Method 9045C
SO-TC-4A	4/10/18	13:16				X							X	X
SO-TC-4B	4/10/18	13:30				X							X	X
SO-TC-4C	4/10/18	13:43				X							X	X

Analysis (Attach list if more space is needed)

Special Instructions/ Conditions of Receipt

580-76503 Chain of Custody

Therm ID: IR4 Cor: 23.0 ° Unc: 22.5 °
Cooler Dsc: None
Packing: Bag FedEx:
Cust. Seal: Yes ____ No ____ UPS:
Wet/Packs/Dry Ice: None Lab Coor:
Other: Cirdo

Cooler: ☐ Yes ☐ No Cooler Temp: ____

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required (Business days): ☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☐ Other ASAP

QC Requirements (Specify)

	Signature/Print	Date	Time
1. Relinquished By	Kenny King	4/10/18	16:34
2. Relinquished By			
3. Relinquished By			
1. Received By	Blankinship	4/10/18	1634
2. Received By			
3. Received By			

Comments

DISTRIBUTION: WHITE – Stays with the Samples, CANARY – Returned to Client with Report, PINK – Field Copy

TAL-8274-580 (0210)

Login Sample Receipt Checklist

Client: Pacific Environmental and Redevelopment

Job Number: 580-76503-1

Login Number: 76503
List Number: 1
Creator: Blankinship, Tom X

List Source: TestAmerica Seattle

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature is acceptable.	False	Refer to Job Narrative for details.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

TestAmerica Job ID: 580-76505-1
Client Project/Site: Superlon

For:
Pacific Environmental and Redevelopment
8424 East Meadow Lake Drive
Snohomish, Washington 98290

Attn: Jeff King

M. Elaine Walker

Authorized for release by:
4/18/2018 4:12:37 PM

Elaine Walker, Project Manager II
(253)248-4972
elaine.walker@testamericainc.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 580-76505-1

Laboratory: TestAmerica Seattle

Narrative

Job Narrative
580-76505-1

Receipt
Three samples were received on 4/11/2018 9:46 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 17.2º C.

Receipt Exceptions

The following samples were received at the laboratory outside the required temperature criteria: SO-TC-4D (580-76505-1), SO-TC-4E (580-76505-2) and SO-TC-4F (580-76505-3). There was no cooling media present in the cooler.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76505-1

Client Sample ID: SO-TC-4D
Date Collected: 04/11/18 08:12
Date Received: 04/11/18 09:46

Lab Sample ID: 580-76505-1
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/13/18 17:44	04/16/18 21:26	1
Lead	ND		0.030		mg/L		04/13/18 17:44	04/16/18 21:26	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	10.2				SU			04/13/18 13:06	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76505-1

Client Sample ID: SO-TC-4E

Date Collected: 04/11/18 08:16
Date Received: 04/11/18 09:46

Lab Sample ID: 580-76505-2

Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/13/18 17:44	04/16/18 21:30	1
Lead	ND		0.030		mg/L		04/13/18 17:44	04/16/18 21:30	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	10.2				SU			04/13/18 13:13	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76505-1

Client Sample ID: SO-TC-4F
Date Collected: 04/11/18 08:20
Date Received: 04/11/18 09:46

Lab Sample ID: 580-76505-3
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/13/18 17:44	04/16/18 21:33	1
Lead	ND		0.030		mg/L		04/13/18 17:44	04/16/18 21:33	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	10.2				SU			04/13/18 13:26	1

QC Sample Results

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76505-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 580-271255/1-B
Matrix: Solid
Analysis Batch: 271514

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 271393

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/13/18 17:44	04/16/18 20:09	1
Lead	ND		0.030		mg/L		04/13/18 17:44	04/16/18 20:09	1

Lab Sample ID: LCS 580-271255/2-B
Matrix: Solid
Analysis Batch: 271514

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 271393

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic			4.00	4.32		mg/L		108	80 - 120		
Lead			1.00	1.04		mg/L		104	80 - 120		

Lab Sample ID: LCSD 580-271255/3-B
Matrix: Solid
Analysis Batch: 271514

Client Sample ID: Lab Control Sample Dup
Prep Type: TCLP
Prep Batch: 271393

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic			4.00	4.15		mg/L		104	80 - 120	4	20
Lead			1.00	0.999		mg/L		100	80 - 120	4	20

Lab Chronicle

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76505-1

Client Sample ID: SO-TC-4D

Date Collected: 04/11/18 08:12
Date Received: 04/11/18 09:46

Lab Sample ID: 580-76505-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			271255	04/12/18 15:04	R1K	TAL SEA
TCLP	Prep	3010A			271393	04/13/18 17:44	R1K	TAL SEA
TCLP	Analysis	6010C		1	271514	04/16/18 21:26	HJM	TAL SEA
Total/NA	Analysis	9045C		1	271397	04/13/18 13:06	R1K	TAL SEA

Client Sample ID: SO-TC-4E

Date Collected: 04/11/18 08:16
Date Received: 04/11/18 09:46

Lab Sample ID: 580-76505-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			271255	04/12/18 15:04	R1K	TAL SEA
TCLP	Prep	3010A			271393	04/13/18 17:44	R1K	TAL SEA
TCLP	Analysis	6010C		1	271514	04/16/18 21:30	HJM	TAL SEA
Total/NA	Analysis	9045C		1	271397	04/13/18 13:13	R1K	TAL SEA

Client Sample ID: SO-TC-4F

Date Collected: 04/11/18 08:20
Date Received: 04/11/18 09:46

Lab Sample ID: 580-76505-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			271255	04/12/18 15:04	R1K	TAL SEA
TCLP	Prep	3010A			271393	04/13/18 17:44	R1K	TAL SEA
TCLP	Analysis	6010C		1	271514	04/16/18 21:33	HJM	TAL SEA
Total/NA	Analysis	9045C		1	271397	04/13/18 13:26	R1K	TAL SEA

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Pacific Environmental and Redevelopment
TestAmerica Job ID: 580-76505-1
Project/Site: Superlon

Laboratory: TestAmerica Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Washington	State Program	10	C553	02-17-19

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
6010C	3010A	Solid	Arsenic
6010C	3010A	Solid	Lead

Sample Summary

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76505-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-76505-1	SO-TC-4D	Solid	04/11/18 08:12	04/11/18 09:46
580-76505-2	SO-TC-4E	Solid	04/11/18 08:16	04/11/18 09:46
580-76505-3	SO-TC-4F	Solid	04/11/18 08:20	04/11/18 09:46

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TestAmerica Seattle
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Tacoma, WA 98424
Tel. 253-922-2310
Fax 253-922-5047
www.testamericainc.com

☒ Rush
☐ Short Hold

Chain of Custody Record

Client: Jeff King (JKing@PERC-NW.com)	Client Contact: Kenny King (KKing@PERC-NW.com)	Date: 4/11/2018	Chain of Custody Number: 28704
Address: 9424 E Meadow Lake Drive	Telephone Number (Area Code)/Fax Number: (425) 346-0921	Lab Number: 76505	Page ____ of ____
City: Snohomish / State: WA / Zip Code: 98290	Sampler: KK	Lab Contact:	
Project Name and Location (State): Superlon CWA	Billing Contact:		
Contract/Purchase Order/Quote No.			

Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	Analysis (Attach list if more space is needed): As/Pb TCLP Method 1311	DH-Method 1041GC	Special Instructions/ Conditions of Receipt
SO-TC-4D	4/11/18	8:12am				X							X	X	
SO-TC-4E	4/11/18	8:16am				X							X	X	
SO-TC-4F	4/11/18	8:20am				X							X	X	

580-76505 Chain of Custody

Therm. ID IR4 Cor 1.2 Unc 1.0
Cooler Dsc: None
Wet/Packs Packing: tray
slide
Custody Seal: Yes ___ No ___

Cooler: ☐ Yes ☐ No Cooler Temp. ____

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months
(A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required (business days)
☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☐ Other ASAP

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By Sign/Print: Kenny King / Kenny King	4/11/18	9:46	1. Received By Sign/Print: Tom Stanley / Banksnips	4/11/18	0946
2. Relinquished By Sign/Print:	Date	Time	2. Received By Sign/Print:	Date	Time
3. Relinquished By Sign/Print:	Date	Time	3. Received By Sign/Print:	Date	Time

Comments

DISTRIBUTION: WHITE – Stays with the Samples; CANARY – Returned to Client with Report; PINK – Field Copy

TAL-8274-580 (0210)

Login Sample Receipt Checklist

Client: Pacific Environmental and Redevelopment

Job Number: 580-76505-1

Login Number: 76505
List Number: 1
Creator: Blankinship, Tom X

List Source: TestAmerica Seattle

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Refer to Job Narrative for details.
Cooler Temperature is acceptable.	False	Refer to Job Narrative for details.
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

TestAmerica Job ID: 580-76571-1
Client Project/Site: Superlon

For:
Pacific Environmental and Redevelopment
8424 East Meadow Lake Drive
Snohomish, Washington 98290

Attn: Jeff King

M. Elaine Walker

Authorized for release by:
4/19/2018 3:08:54 PM

Elaine Walker, Project Manager II
(253)248-4972
elaine.walker@testamericainc.com

Links
Review your project results through TotalAccess
Have a Question? Ask The Expert
Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 580-76571-1

Laboratory: TestAmerica Seattle

Narrative

Job Narrative
580-76571-1

Receipt
Two samples were received on 4/12/2018 1:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 15.5º C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76571-1

Client Sample ID: SO-TC-5B

Date Collected: 04/12/18 07:45
Date Received: 04/12/18 13:45

Lab Sample ID: 580-76571-1

Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/18/18 13:57	04/19/18 08:45	1
Lead	ND		0.030		mg/L		04/18/18 13:57	04/19/18 08:45	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	**9.7**				SU			04/18/18 10:23	1
Percent Solids	**71.1**		0.1		%			04/16/18 15:59	1
Percent Moisture	**28.9**		0.1		%			04/16/18 15:59	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76571-1

Client Sample ID: SO-TC-5A
Date Collected: 04/12/18 07:25
Date Received: 04/12/18 13:45

Lab Sample ID: 580-76571-2
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/18/18 13:57	04/19/18 08:49	1
Lead	ND		0.030		mg/L		04/18/18 13:57	04/19/18 08:49	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	**10.1**				SU			04/18/18 10:26	1
Percent Solids	**72.4**		0.1		%			04/16/18 15:59	1
Percent Moisture	**27.6**		0.1		%			04/16/18 15:59	1

QC Sample Results

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76571-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 580-271597/1-B
Matrix: Solid
Analysis Batch: 271822

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 271687

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/18/18 13:57	04/19/18 07:48	1
Lead	ND		0.030		mg/L		04/18/18 13:57	04/19/18 07:48	1

Lab Sample ID: LCS 580-271597/2-B
Matrix: Solid
Analysis Batch: 271822

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 271687

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic			4.00	4.09		mg/L		102	80 - 120		
Lead			1.00	0.981		mg/L		98	80 - 120		

Lab Sample ID: LCSD 580-271597/3-B
Matrix: Solid
Analysis Batch: 271822

Client Sample ID: Lab Control Sample Dup
Prep Type: TCLP
Prep Batch: 271687

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic			4.00	4.06		mg/L		101	80 - 120	1	20
Lead			1.00	0.969		mg/L		97	80 - 120	1	20

Lab Chronicle

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76571-1

Client Sample ID: SO-TC-5B

Lab Sample ID: 580-76571-1

Date Collected: 04/12/18 07:45

Matrix: Solid

Date Received: 04/12/18 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			271597	04/17/18 14:29	R1K	TAL SEA
TCLP	Prep	3010A			271687	04/18/18 13:57	R1K	TAL SEA
TCLP	Analysis	6010C		1	271822	04/19/18 08:45	HJM	TAL SEA
Total/NA	Analysis	9045C		1	271652	04/18/18 10:23	R1K	TAL SEA
Total/NA	Analysis	D 2216		1	271503	04/16/18 15:59	TTN	TAL SEA

Client Sample ID: SO-TC-5A

Lab Sample ID: 580-76571-2

Date Collected: 04/12/18 07:25

Matrix: Solid

Date Received: 04/12/18 13:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			271597	04/17/18 14:29	R1K	TAL SEA
TCLP	Prep	3010A			271687	04/18/18 13:57	R1K	TAL SEA
TCLP	Analysis	6010C		1	271822	04/19/18 08:49	HJM	TAL SEA
Total/NA	Analysis	9045C		1	271652	04/18/18 10:26	R1K	TAL SEA
Total/NA	Analysis	D 2216		1	271503	04/16/18 15:59	TTN	TAL SEA

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76571-1

Laboratory: TestAmerica Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Washington	State Program	10	C553	02-17-19

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
6010C	3010A	Solid	Arsenic
6010C	3010A	Solid	Lead
D 2216		Solid	Percent Moisture
D 2216		Solid	Percent Solids

Sample Summary

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76571-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-76571-1	SO-TC-5B	Solid	04/12/18 07:45	04/12/18 13:45
580-76571-2	SO-TC-5A	Solid	04/12/18 07:25	04/12/18 13:45

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5755 8th Street E.
Tacoma, WA 98424
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www.testamericainc.com

☒ Rush
☐ Short Hold

Chain of Custody Record

Client	Client Contact	Date	Chain of Custody Number
PERC - Jeff King	BEAD Grimsted, Kenny King, Jeff King	4/12/2018	34637
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page** 1 of 1
8424 E Meadow Lake Drive	360-570-1700		
City	**State** / **Zip Code**	**Sampler**	**Lab Contact**
Snohomish	WA / 98290	BG	
Project Name and Location (State)	**Billing Contact**	**Analysis (Attach list if more space is needed)**	
Superlon		As, Pb TCLP (1311) / pH (9045C)	
Contract/Purchase Order/Quote No.		Loc: 580 76571	**Special Instructions/ Conditions of Receipt**

Sample I.D. and Location/Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed	Soil	Containers & Preservatives: Unpres	H2SO4	HNO3	HCl	NaOH	ZnAc/ NaOH	As, Pb TCLP (1311)	pH (9045C)
SO-TC-5B	4/12/18	7:45				X							X	X
SO-TC-5A	4/12/18	7:25				X							X	X

580-76571 Chain of Custody

Therm. ID IR4 Cor 55° Uncl 5.3°
Cooler Dsc:
~~Wet~~Packs Packing:
C.D. Custody Seal: Yes No

Cooler: ☐ Yes ☐ No Cooler Temp:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required (business days): ☐ 24 Hours ☐ 48 Hours ☐ 5 Days ☐ 10 Days ☐ 15 Days ☐ Other ASAP

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By Sign/Print: Brad Grimsted	4/12/18	1:45	1. Received By Sign/Print: Ken Hobbs	4-12-18	1345
2. Relinquished By Sign/Print	Date	Time	2. Received By Sign/Print	Date	Time
3. Relinquished By Sign/Print	Date	Time	3. Received By Sign/Print	Date	Time

Comments

DISTRIBUTION: WHITE – Stays with the Samples, CANARY – Returned to Client with Report; PINK – Field Copy

TAL-8274-580 (0310)

Login Sample Receipt Checklist

Client: Pacific Environmental and Redevelopment

Job Number: 580-76571-1

Login Number: 76571
List Number: 1
Creator: Hobbs, Kenneth F

List Source: TestAmerica Seattle

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Seattle
5755 8th Street East
Tacoma, WA 98424
Tel: (253)922-2310

TestAmerica Job ID: 580-76796-1
Client Project/Site: Superlon

For:
Pacific Environmental and Redevelopment
8424 East Meadow Lake Drive
Snohomish, Washington 98290

Attn: Jeff King

M. Elaine Walker

Authorized for release by:
4/27/2018 1:55:51 PM

Elaine Walker, Project Manager II
(253)248-4972
elaine.walker@testamericainc.com

LINKS
Review your project results through TotalAccess
Have a Question? Ask The Expert
Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76796-1

Job ID: 580-76796-1

Laboratory: TestAmerica Seattle

Narrative

Job Narrative
580-76796-1

Receipt
Three samples were received on 4/23/2018 3:40 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 26.3º C.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76796-1

Client Sample ID: SO-TC-6A-042318
Date Collected: 04/23/18 10:15
Date Received: 04/23/18 15:40

Lab Sample ID: 580-76796-1
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/25/18 14:14	04/26/18 10:48	1
Lead	ND		0.030		mg/L		04/25/18 14:14	04/26/18 10:48	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	9.5				SU			04/26/18 16:54	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76796-1

Client Sample ID: SO-TC-6B-042318
Date Collected: 04/23/18 10:20
Date Received: 04/23/18 15:40

Lab Sample ID: 580-76796-2
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/25/18 14:14	04/26/18 10:52	1
Lead	ND		0.030		mg/L		04/25/18 14:14	04/26/18 10:52	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	9.2				SU			04/26/18 16:58	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76796-1

Client Sample ID: SO-TC-6C-042318
Date Collected: 04/23/18 10:25
Date Received: 04/23/18 15:40

Lab Sample ID: 580-76796-3
Matrix: Solid

Method: 6010C - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/25/18 14:14	04/26/18 10:55	1
Lead	ND		0.030		mg/L		04/25/18 14:14	04/26/18 10:55	1

General Chemistry

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
pH	9.3				SU			04/26/18 17:00	1

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76796-1

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 580-272175/1-B
Matrix: Solid
Analysis Batch: 272345

Client Sample ID: Method Blank
Prep Type: TCLP
Prep Batch: 272256

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.060		mg/L		04/25/18 14:14	04/26/18 10:08	1
Lead	ND		0.030		mg/L		04/25/18 14:14	04/26/18 10:08	1

Lab Sample ID: LCS 580-272175/2-B
Matrix: Solid
Analysis Batch: 272345

Client Sample ID: Lab Control Sample
Prep Type: TCLP
Prep Batch: 272256

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic			4.00	3.73		mg/L		93	80 - 120		
Lead			1.00	0.913		mg/L		91	80 - 120		

Lab Sample ID: LCSD 580-272175/3-B
Matrix: Solid
Analysis Batch: 272345

Client Sample ID: Lab Control Sample Dup
Prep Type: TCLP
Prep Batch: 272256

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic			4.00	3.76		mg/L		94	80 - 120	1	20
Lead			1.00	0.923		mg/L		92	80 - 120	1	20

Method: 9045C - pH

Lab Sample ID: 580-76796-1 DU
Matrix: Solid
Analysis Batch: 272406

Client Sample ID: SO-TC-6A-042318
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	9.5			9.5		SU				0.1	1

Lab Chronicle

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76796-1

Client Sample ID: SO-TC-6A-042318
Date Collected: 04/23/18 10:15
Date Received: 04/23/18 15:40

Lab Sample ID: 580-76796-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			272175	04/24/18 17:25	R1K	TAL SEA
TCLP	Prep	3010A			272256	04/25/18 14:14	R1K	TAL SEA
TCLP	Analysis	6010C		1	272345	04/26/18 10:48	HJM	TAL SEA
Total/NA	Analysis	9045C		1	272406	04/26/18 16:54	R1K	TAL SEA

Client Sample ID: SO-TC-6B-042318
Date Collected: 04/23/18 10:20
Date Received: 04/23/18 15:40

Lab Sample ID: 580-76796-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			272175	04/24/18 17:25	R1K	TAL SEA
TCLP	Prep	3010A			272256	04/25/18 14:14	R1K	TAL SEA
TCLP	Analysis	6010C		1	272345	04/26/18 10:52	HJM	TAL SEA
Total/NA	Analysis	9045C		1	272406	04/26/18 16:58	R1K	TAL SEA

Client Sample ID: SO-TC-6C-042318
Date Collected: 04/23/18 10:25
Date Received: 04/23/18 15:40

Lab Sample ID: 580-76796-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
TCLP	Leach	1311			272175	04/24/18 17:25	R1K	TAL SEA
TCLP	Prep	3010A			272256	04/25/18 14:14	R1K	TAL SEA
TCLP	Analysis	6010C		1	272345	04/26/18 10:55	HJM	TAL SEA
Total/NA	Analysis	9045C		1	272406	04/26/18 17:00	R1K	TAL SEA

Laboratory References:

TAL SEA = TestAmerica Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76796-1

Laboratory: TestAmerica Seattle

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Washington	State Program	10	C553	02-17-19

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
6010C	3010A	Solid	Arsenic
6010C	3010A	Solid	Lead

Sample Summary

Client: Pacific Environmental and Redevelopment
Project/Site: Superlon

TestAmerica Job ID: 580-76796-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
580-76796-1	SO-TC-6A-042318	Solid	04/23/18 10:15	04/23/18 15:40
580-76796-2	SO-TC-6B-042318	Solid	04/23/18 10:20	04/23/18 15:40
580-76796-3	SO-TC-6C-042318	Solid	04/23/18 10:25	04/23/18 15:40

Chain of Custody Record

CHOC Number: 01_1.1_E69_50614_23042018

Send Results To:
jking@perc-nw.com, grimstadb@uspioneer.com, kking@perc-nw.com

Site Contact:
PERC
Kenny King
Phone: 425-346-0921 Email: kking@perc-nw.com

PIONEER Technologies Corporation
5285 Carpenter Dr. Court SE, Suite A
Lacey, WA 98503
Phone: 360.570.1700
Fax: 360.570.1717
www.uspioneer.com

Send Invoice To:
Pacific Environmental Redevelopment Coporation
Jeff King
Phone 425-238-2212 Email: jking@perc-nw.com

Laboratory Information:
TestAmerica-Tacoma
ELAINE WALKER
Phone: 253.248.4972 Email:

CHOC Version: 0.99.05

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Sample Information | Special Lab Instructions Included ==> | Analytes | <== Special Lab Instructions

Sample ID (Auto Generated)	Date (MM/DD/YYYY)	Time (0000 to 2400)	Sampler's Initials	Leachate	Filtered	MS/MSD	pH 9045 - pH in Soil	TCLP As_Pb-1311	Loc: 580 76796	Comments for Sample
SO-TC-8A-042318	04/23/2018	10:15	KK				X	X		
SO-TC-8B-042318	04/23/2018	10:20	KK				X	X		
SO-TC-8C-042318	04/23/2018	10:25	KK				X	X		

580-76796 Chain of Custody

Therm. ID IR4 Cor 2.6 Unc 2.1.0
Cooler Dsc: Ice
Wet/Packs Packing: Ice
Custody Seal: Yes__ No__

Cooler (Yes/No):	Turnaround Time	Hazard Identification:	Sample Disposal:
Cooler Temp:	Rush	Lead, Arsenic	Yes

Lab Use Only

These data are protected by Attorney/Client Privelege. No Un-Authorized distribution is allowed.

Preservative

QA/QC Requirements:
None

Sampling Event Comments:
ASAP

1. Relinquished By: (Sign and Print) Kenny King/Kenny King	Date/Time: 4/23/18 3:40	1. Received By: (Sign and Print) Tom Blankinship/Blankinship	Date/Time: 4/23/18 1546
2. Relinquished By: (Sign and Print)	Date/Time:	2. Received By: (Sign and Print)	Date/Time:
3. Relinquished By: (Sign and Print)	Date/Time:	3. Received By: (Sign and Print)	Date/Time:

Stat Form: 01 - 07/24/2015

Special Instructions for Laboratory

CHOC Number 01_1.1_E69_50614_23042018

Send Results To: jking@perc-nw.com, gnmstedb@uspioneer.com, kking@perc-nw.com	**Site Contact:** PERC Kenny King Phone: 425-346-0921 Email: kking@perc-nw.com	PIONEER Technologies Corporation 3365 Corporate Ctr. Court SE, Suite A Lacey, WA 98503 Phone: 360 570.1700 Fax: 360 570.1777 PIONEER TECHNOLOGIES CORPORATION
Send Invoice To: Pacific Environmental Redevelopment Coporation Jeff King Phone: 425-238-2212 Email: jking@perc-nw.com	**Laboratory Information:** TestAmerica-Tacoma ELAINE WALKER Phone: 253.248.4972 Email.	CHOC Version: 0.99.05 Copyright © 2003 - 2015. PIONEER Technologies Corporation All Rights Reserved

Analytical Method	Lab Comments	Specified Analyte	Samples Included
TCLP As_Pb-1311 – TCLP Arsenic and Lead only		Arsenic Inorganic Lead and Compounds	SO-TC-6A-042318 SO-TC-6B-042318 SO-TC-6C-042318
pH 9045 – pH In Soil		pH	SO-TC-6A-042318 SO-TC-6B-042318 SO-TC-6C-042318

Login Sample Receipt Checklist

Client: Pacific Environmental and Redevelopment

Job Number: 580-76796-1

Login Number: 76796
List Number: 1
Creator: Hobbs, Kenneth F

List Source: TestAmerica Seattle

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Analytical Resources, Incorporated
Analytical Chemists and Consultants

03 May 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18D0477	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.05.03 16:20:45 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: B19477	Turn-around Requested: 2 day	Date: 4/30/18	
ARI Client Company: Pacific Environmental & Redevelopment (PERC)	Phone: (425) 346-0921 or (425)238-2212	Page: of	
Client Contact: Kenny King or Jeff King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb only	Analysis Requested: pH +9045c	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-7A-43018	04/26/18	10:19	SOIL	1	✓	✓							TCLP (As & Pb only) and pH
SO-TC-7B-43018	04/30/18	03:20	SOIL	1	✓	✓							TCLP (As & Pb only) and pH
SO-TC-7C-43018	04/30/18	03:35	SOIL	1	✓	✓							TCLP (As & Pb only) and pH
SO-TC-8B-43018	04/30/18	03:38	SOIL	1	✓	✓							TCLP (As & Pb only) and pH
SO-TC-8C-43018	04/30/18	03:45	SOIL	1	✓	✓							TCLP (As & Pb only) and pH

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
Quickest Possible TAT Please send results by email to jking@perc-nw.com kking@perc-nw.com grimsted@uspioneer.com	Printed Name: Kenny King	Printed Name: Brandon Fisk	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/30/18 – 16:40	Date & Time: 4/30/18 16:40	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2018 16:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-7A-43018	18D0477-01	Solid	26-Apr-2018 10:19	30-Apr-2018 16:40
SO-TC-7B-43018	18D0477-02	Solid	30-Apr-2018 03:20	30-Apr-2018 16:40
SO-TC-7C-43018	18D0477-03	Solid	30-Apr-2018 03:35	30-Apr-2018 16:40
SO-TC-8B-43018	18D0477-04	Solid	30-Apr-2018 03:38	30-Apr-2018 16:40
SO-TC-8C-43018	18D0477-05	Solid	30-Apr-2018 03:45	30-Apr-2018 16:40

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2018 16:16

Case Narrative

Sample receipt

Samples as listed on the preceding page were received April 30, 2018under ARI work order 18D0477. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

No analytical complications.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 1BD0477 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 21.3

Time: 1640

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D002565

Cooler Accepted by: BF Date: 4/30/18 Time: 1640

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)	_____	

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: BF Date: 4/30/18 Time: 1722

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Small Air Bubbles < 2mm	Peabubbles' 2-4 mm	LARGE Air Bubbles > 4 mm
• • •	• • •	● ● ●

Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 1610477

Cooler#: _____ **Temperature(°C):** 21.3

Sample ID	Bottle Count	Bottle Type
samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: BF Date: 4/30/16 Time: 1640

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2018 16:16

SO-TC-7A-43018

18D0477-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/26/2018 10:19

Instrument: ICP2 — Analyzed: 03-May-2018 11:10

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0049 — Sample Size: 25 mL (wet)
Prepared: 02-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0445**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2018 16:16

SO-TC-7A-43018

18D0477-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/26/2018 10:19

Instrument: Accumet AR60 — Analyzed: 03-May-2018 12:29

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGE0058 — Sample Size: 20.23 g (wet)
Prepared: 03-May-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.57**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2018 16:16

SO-TC-7B-43018

18D0477-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/30/2018 03:20

Instrument: ICP2 — Analyzed: 03-May-2018 11:14

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0049 — Sample Size: 25 mL (wet)
Prepared: 02-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0765**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2018 16:16

SO-TC-7B-43018

18D0477-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/30/2018 03:20

Instrument: Accumet AR60 — Analyzed: 03-May-2018 12:29

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGE0058 — Sample Size: 20.21 g (wet)
Prepared: 03-May-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.47**	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2018 16:16

SO-TC-7C-43018

18D0477-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/30/2018 03:35

Instrument: ICP2 — Analyzed: 03-May-2018 11:19

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0049 — Sample Size: 25 mL (wet)
Prepared: 02-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.243**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2018 16:16

SO-TC-7C-43018

18D0477-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/30/2018 03:35

Instrument: Accumet AR60 — Analyzed: 03-May-2018 12:29

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGE0058 — Sample Size: 20.16 g (wet)
Prepared: 03-May-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.54**	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2018 16:16

SO-TC-8B-43018

18D0477-04 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/30/2018 03:38

Instrument: ICP2 — Analyzed: 03-May-2018 11:23

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0049 — Sample Size: 25 mL (wet)
Prepared: 02-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.149**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.563**	mg/L	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2018 16:16

SO-TC-8B-43018

18D0477-04 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/30/2018 03:38

Instrument: Accumet AR60 — Analyzed: 03-May-2018 12:29

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGE0058 — Sample Size: 20.85 g (wet)
Prepared: 03-May-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.29**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2018 16:16

SO-TC-8C-43018

18D0477-05 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/30/2018 03:45

Instrument: ICP2 — Analyzed: 03-May-2018 12:39

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0049 — Sample Size: 25 mL (wet)
Prepared: 02-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.141**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.365**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2018 16:16

SO-TC-8C-43018

18D0477-05 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/30/2018 03:45

Instrument: Accumet AR60 — Analyzed: 03-May-2018 12:29

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGE0058 — Sample Size: 20.29 g (wet)
Prepared: 03-May-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.16**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2018 16:16

TCLP Metals and Metallic Compounds - Quality Control

Batch BGE0049 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGE0049-BLK1)				Prepared: 02-May-2018 Analyzed: 03-May-2018 11:06							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGE0049-DUP1)		**Source: 18D0477-05**		Prepared: 02-May-2018 Analyzed: 03-May-2018 12:35							
Arsenic	0.149	0.0140	0.250	mg/L		0.141			6.07	20	J
Lead	0.367	0.0065	0.100	mg/L		0.365			0.55	20	
Matrix Spike (BGE0049-MS1)		**Source: 18D0477-05**		Prepared: 02-May-2018 Analyzed: 03-May-2018 12:43							
Arsenic	4.31	0.0140	0.250	mg/L	4.00	0.141	104	75-125			
Lead	4.41	0.0065	0.100	mg/L	4.00	0.365	101	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2018 16:16

Wet Chemistry - Quality Control

Batch BGE0058 - EPA 9045D

Instrument: Accumet AR60 Analyst: F

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGE0058-BS1)				Prepared: 03-May-2018 Analyzed: 03-May-2018 12:29							
pH	6.96	0.01	0.01	pH Units	7.00		99.4	0-200			
Duplicate (BGE0058-DUP1)		**Source: 18D0477-01**		Prepared: 03-May-2018 Analyzed: 03-May-2018 12:29							
pH	8.56	0.01	0.01	pH Units		8.57			0.12	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2018 16:16

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	UST-033	05/11/2018
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006	05/11/2018
WADOE	WA Dept of Ecology	C558	06/30/2018
WA-DW	Ecology - Drinking Water	C558	06/30/2018

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	03-May-2018 16:16

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

08 May 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18E0035	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.05.08 13:24:39 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18E0035	Turn-around Requested: 2 Day	Date: 5/2/18	
ARI Client Company: Pacific Environmental & Redevelopment (PERC)	Phone: (425) 346-0921 or (425) 238-2212	Page: of	
Client Contact: Kenny King or Jeff King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 AS/Pb Only	Analysis Requested: PH + 9045c	Analysis Requested:	Analysis Requested:	Analysis Requested:	Analysis Requested:	Analysis Requested:	Analysis Requested:	Notes/Comments
SO-TC-9A-5118	05/01/18	16:11	Soil	1	✔	✔							TCLP (As and Pb only) and PH
SO-TC-9B-5118	05/01/18	16:15	Soil	1	✔	✔							TCLP (As and Pb only) and PH
SO-TC-9C-5118	05/01/18	16:25	Soil	1	✔	✔							TCLP (As and Pb only) and PH

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Brandon Fisk	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/2/18 2:20	Date & Time: 5/2/18 1420	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-May-2018 13:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-9A-5118	18E0035-01	Solid	01-May-2018 16:11	02-May-2018 14:20
SO-TC-9B-5118	18E0035-02	Solid	01-May-2018 16:15	02-May-2018 14:20
SO-TC-9C-5118	18E0035-03	Solid	01-May-2018 16:25	02-May-2018 14:20

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-May-2018 13:18

Case Narrative

Sample receipt

Samples as listed on the preceding page were received May 2, 2018 under ARI work order 18E0035. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18E0035 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry): 28.8

Time: 1420

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D0021765

Cooler Accepted by: BF Date: 5/2/18 Time: 1420

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	YES	NO
Were all bottles sealed in individual plastic bags?		YES	NO
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI...	NA		_____

Was Sample Split by ARI : NA YES Date/Time: _____ Equipment: _____ Split by: _____

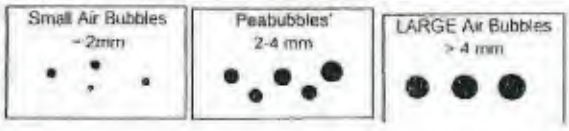
Samples Logged by: BF Date: 5/2/18 Time: 1457

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

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Cooler Temperature Compliance Form

ARI Work Order: 18E0035

Cooler#: _____ **Temperature(°C):** 24.6

Sample ID	Bottle Count	Bottle Type
samples receive above, 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: BF Date: 5/2/18 Time: 1420

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-May-2018 13:18

SO-TC-9A-5118

18E0035-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/01/2018 16:11

Instrument: ICP2 — Analyzed: 07-May-2018 13:45

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0128 — Sample Size: 25 mL (wet)
Prepared: 04-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0688**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-May-2018 13:18

SO-TC-9A-5118

18E0035-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/01/2018 16:11

Instrument: Accumet AR60 — Analyzed: 03-May-2018 12:29

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGE0095 — Sample Size: 20.66 g (wet)
Prepared: 03-May-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.70**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-May-2018 13:18

SO-TC-9B-5118

18E0035-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/01/2018 16:15

Instrument: ICP2 — Analyzed: 07-May-2018 13:49

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0128 — Sample Size: 25 mL (wet)
Prepared: 04-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0699**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-May-2018 13:18

SO-TC-9B-5118

18E0035-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/01/2018 16:15

Instrument: Accumet AR60 — Analyzed: 03-May-2018 12:29

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGE0095 — Sample Size: 20.8 g (wet)
Prepared: 03-May-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.57**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-May-2018 13:18

SO-TC-9C-5118

18E0035-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/01/2018 16:25

Instrument: ICP2 — Analyzed: 07-May-2018 13:53

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0128 — Sample Size: 25 mL (wet)
Prepared: 04-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0649**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-May-2018 13:18

SO-TC-9C-5118

18E0035-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/01/2018 16:25

Instrument: Accumet AR60 — Analyzed: 03-May-2018 12:29

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGE0095 — Sample Size: 20.91 g (wet)
Prepared: 03-May-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.32**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
08-May-2018 13:18

TCLP Metals and Metallic Compounds - Quality Control

Batch BGE0128 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGE0128-BLK1)				Prepared: 04-May-2018 Analyzed: 07-May-2018 15:34							
Arsenic	0.0185	0.0140	0.250	mg/L							J
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-May-2018 13:18

Wet Chemistry - Quality Control

Batch BGE0095 - EPA 9045D

Instrument: Accumet AR60 Analyst: F

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGE0095-BS1)				Prepared: 03-May-2018 Analyzed: 03-May-2018 12:29							
pH	7.03	0.01	0.01	pH Units	7.00		100	0-200			
Duplicate (BGE0095-DUP1)		**Source: 18E0035-01**		Prepared: 03-May-2018 Analyzed: 03-May-2018 12:29							
pH	9.67	0.01	0.01	pH Units		9.70			0.31	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-May-2018 13:18

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	UST-033	05/11/2018
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006	05/11/2018
WADOE	WA Dept of Ecology	C558	06/30/2018
WA-DW	Ecology - Drinking Water	C558	06/30/2018

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-May-2018 13:18

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

15 May 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18E0136	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.05.15 09:05:26 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18E0136	Turn-around Requested: 3 Days	Date: 05/08/2018	
ARI Client Company: PERC	Phone: (425) 238-2212	Page: of	
Client Contact: Kenny King or Jeff King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics (WA)			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 AS/Pb Only	Analysis Requested: PH Method 9045c	Notes/Comments
SO-TC-10A-050818	5/8/18	14:02	Soil	1	✓	✓	
SO-TC-10B-050818	5/8/18	14:12	Soil	1	✓	✓	
SO-TC-10C-050818	5/8/18	14:22	Soil	1	✓	✓	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Stephanie Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/8/18 15:32	Date & Time: 5/8/18 1532	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2018 09:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-10A-050818	18E0136-01	Solid	08-May-2018 14:02	08-May-2018 15:32
SO-TC-10B-050818	18E0136-02	Solid	08-May-2018 14:12	08-May-2018 15:32
SO-TC-10C-050818	18E0136-03	Solid	08-May-2018 14:22	08-May-2018 15:32

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2018 09:00

Case Narrative

Sample receipt

Samples as listed on the preceding page were received May 8, 2018 under ARI work order 18E0136. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry-pH- EPA 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PLRC

Project Name: Superion Plastics

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18E0136

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 2.5

Time: 1532

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00256

Cooler Accepted by: Sef Date: 5/8/18 Time: ~~1538~~ 1532

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs ~~Baggies~~ Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES NO

Were all bottles sealed in individual plastic bags? YES NO

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)... (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI... (NA) _____

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

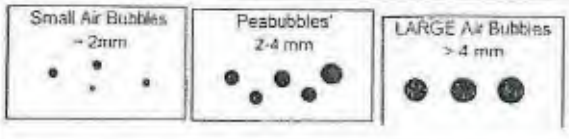
Samples Logged by: Sef Date: 5/8/18 Time: 1634

** ***Notify Project Manager of discrepancies or concerns*** **

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18E0136

Cooler#: _____ **Temperature(°C):** 25.5

Sample ID	Bottle Count	Bottle Type
Samples received above 6		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: SRP Date: 5/8/18 Time: 1532

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2018 09:00

SO-TC-10A-050818

18E0136-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/08/2018 14:02

Instrument: ICP2 — Analyzed: 11-May-2018 09:31

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0281 — Sample Size: 25 mL (wet)
Prepared: 10-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0675**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2018 09:00

SO-TC-10A-050818

18E0136-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/08/2018 14:02

Instrument: Accumet AR60 — Analyzed: 14-May-2018 11:56

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGE0291 — Sample Size: 20.28 g (wet)
Prepared: 11-May-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.63**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2018 09:00

SO-TC-10B-050818

18E0136-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/08/2018 14:12

Instrument: ICP2 — Analyzed: 11-May-2018 10:10

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0281 — Sample Size: 25 mL (wet)
Prepared: 10-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0591**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2018 09:00

SO-TC-10B-050818

18E0136-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/08/2018 14:12

Instrument: Accumet AR60 — Analyzed: 14-May-2018 11:56

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGE0291 — Sample Size: 22.07 g (wet)
Prepared: 11-May-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	**8.80**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2018 09:00

SO-TC-10C-050818

18E0136-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/08/2018 14:22

Instrument: ICP2 — Analyzed: 11-May-2018 09:35

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0281 — Sample Size: 25 mL (wet)
Prepared: 10-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0967**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2018 09:00

SO-TC-10C-050818

18E0136-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/08/2018 14:22

Instrument: Accumet AR60 — Analyzed: 14-May-2018 11:56

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGE0291 — Sample Size: 20.85 g (wet)
Prepared: 11-May-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.66**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2018 09:00

TCLP Metals and Metallic Compounds - Quality Control

Batch BGE0281 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGE0281-BLK1)				Prepared: 10-May-2018 Analyzed: 11-May-2018 09:53							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGE0281-DUP1)		**Source: 18E0136-02**		Prepared: 10-May-2018 Analyzed: 11-May-2018 10:05							
Arsenic	0.0684	0.0140	0.250	mg/L		0.0591			14.60	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BGE0281-MS1)		**Source: 18E0136-02**		Prepared: 10-May-2018 Analyzed: 11-May-2018 10:14							
Arsenic	4.31	0.0140	0.250	mg/L	4.00	0.0591	106	75-125			
Lead	3.89	0.0065	0.100	mg/L	4.00	ND	97.2	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2018 09:00

Wet Chemistry - Quality Control

Batch BGE0291 - EPA 9045D

Instrument: Accumet AR60 Analyst: S

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGE0291-BS1)				Prepared: 11-May-2018 Analyzed: 14-May-2018 11:56							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	0-200			
Duplicate (BGE0291-DUP1)		**Source: 18E0136-01**		Prepared: 11-May-2018 Analyzed: 14-May-2018 11:56							
pH	8.66	0.009	0.009	pH Units		8.63			0.35	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2018 09:00

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	UST-033	05/11/2018
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2018
WA-DW	Ecology - Drinking Water	C558	06/30/2018

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2018 09:00

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

21 May 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18E0227	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.05.21 13:26:53 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18E0227	Turn-around Requested: 3 Day	Date: 5/15/18	
ARI Client Company: Pacific Environmental Redevelopment Corporation	Phone: (425) 346-0921 or (425) 238-2212	Page: 1 of 1	
Client Contact: Kenny King or Jeff King		No. of Coolers: 2	Cooler Temps: 26.1°C
Client Project Name: Superlon Plastics (WA)			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 AS/Pb Only	Analysis Requested: PH Method 9045C	Notes/Comments
SO-TC-11A-051518	05/15/18	07:30	Soil	1	✔	✔	
SO-TC-11B-051518	05/15/18	07:40	Soil	1	✔	✔	
SO-TC-11C-051518	05/15/18	07:50	Soil	1	✔	✔	
SO-TC-12A-051518	05/15/18	15:50	Soil	1	√	√	
SO-TC-12B-051518	05/15/18	16:00	Soil	1	√	√	
SO-TC-12C-051518	05/15/18	16:10	Soil	1	√	√	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	5/15/18 16:56		Jacobha He	ARI	05/15/18 1656								

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2018 13:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-11A-051518	18E0227-01	Solid	15-May-2018 07:30	15-May-2018 16:56
SO-TC-11B-051518	18E0227-02	Solid	15-May-2018 07:40	15-May-2018 16:56
SO-TC-11C-051518	18E0227-03	Solid	15-May-2018 07:50	15-May-2018 16:56
SO-TC-12A-051518	18E0227-04	Solid	15-May-2018 15:50	15-May-2018 16:56
SO-TC-12B-051518	18E0227-05	Solid	15-May-2018 16:00	15-May-2018 16:56
SO-TC-12C-051518	18E0227-06	Solid	15-May-2018 16:10	15-May-2018 16:56

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2018 13:14

Case Narrative

Sample receipt

Samples as listed on the preceding page were received May 15, 2018 under ARI work order 18E0227. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

Wet Chemistry (pH- EPA 9045D)

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Pacific Enviro

Project Name: _____

COC No(s): _____ NA

Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other: _____

Assigned ARI Job No: 18E0227

Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 26.1°C

Time: 1656

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D005206

Cooler Accepted by: JBW Date: 05/15/18 Time: 1656

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI.	(NA)		

Was Sample Split by ARI: (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

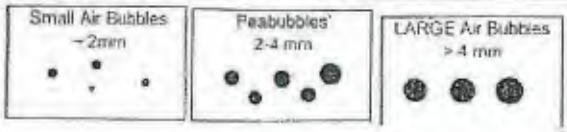
Samples Logged by: JBW Date: 05/15/18 Time: 1741

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 1860227

Cooler#: _____ **Temperature(°C):** 26.1°C

Sample ID	Bottle Count	Bottle Type
Samples Received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JBM Date: 05/15/18 Time: 1656

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2018 13:14

SO-TC-11A-051518

18E0227-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/15/2018 07:30

Instrument: ICP2 — Analyzed: 17-May-2018 17:02

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0442 — Sample Size: 25 mL (wet)
Prepared: 17-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.228**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2018 13:14

SO-TC-11A-051518

18E0227-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/15/2018 07:30

Instrument: Accumet AR60 — Analyzed: 17-May-2018 17:25

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGE0458 — Sample Size: 22.17 g (wet)
Prepared: 17-May-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	**9.13**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2018 13:14

SO-TC-11B-051518

18E0227-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/15/2018 07:40

Instrument: ICP2 — Analyzed: 17-May-2018 17:07

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0442 — Sample Size: 25 mL (wet)
Prepared: 17-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.166**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2018 13:14

SO-TC-11B-051518

18E0227-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/15/2018 07:40

Instrument: Accumet AR60 — Analyzed: 17-May-2018 17:25

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGE0458 — Sample Size: 20.68 g (wet)
Prepared: 17-May-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.24**	pH Units	

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8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2018 13:14

SO-TC-11C-051518

18E0227-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/15/2018 07:50

Instrument: ICP2 — Analyzed: 17-May-2018 17:11

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0442 — Sample Size: 25 mL (wet)
Prepared: 17-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.205**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2018 13:14

SO-TC-11C-051518

18E0227-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/15/2018 07:50

Instrument: Accumet AR60 — Analyzed: 17-May-2018 17:25

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGE0458 — Sample Size: 21.27 g (wet)
Prepared: 17-May-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	**9.39**	pH Units	

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Snohomish WA, 98290	Project Manager: Kenny King	21-May-2018 13:14

SO-TC-12A-051518

18E0227-04 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/15/2018 15:50

Instrument: ICP2 — Analyzed: 17-May-2018 17:28

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0442 — Sample Size: 25 mL (wet)
Prepared: 17-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.150**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2018 13:14

SO-TC-12A-051518

18E0227-04 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/15/2018 15:50

Instrument: Accumet AR60 — Analyzed: 17-May-2018 17:25

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGE0458 — Sample Size: 20.24 g (wet)
Prepared: 17-May-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.52**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2018 13:14

SO-TC-12B-051518

18E0227-05 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/15/2018 16:00

Instrument: ICP2 — Analyzed: 17-May-2018 17:15

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0442 — Sample Size: 25 mL (wet)
Prepared: 17-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.158**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2018 13:14

SO-TC-12B-051518

18E0227-05 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/15/2018 16:00

Instrument: Accumet AR60 — Analyzed: 17-May-2018 17:25

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGE0458 — Sample Size: 21.13 g (wet)
Prepared: 17-May-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	**9.46**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2018 13:14

SO-TC-12C-051518

18E0227-06 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/15/2018 16:10

Instrument: ICP2 — Analyzed: 17-May-2018 17:19

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0442 — Sample Size: 25 mL (wet)
Prepared: 17-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.124**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2018 13:14

SO-TC-12C-051518

18E0227-06 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/15/2018 16:10

Instrument: Accumet AR60 — Analyzed: 17-May-2018 17:25

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGE0458 — Sample Size: 20.63 g (wet)
Prepared: 17-May-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.41**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2018 13:14

TCLP Metals and Metallic Compounds - Quality Control

Batch BGE0442 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGE0442-BLK1)				Prepared: 17-May-2018 Analyzed: 17-May-2018 16:58							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGE0442-DUP1)		**Source: 18E0227-04**		Prepared: 17-May-2018 Analyzed: 17-May-2018 17:24							
Arsenic	0.148	0.0140	0.250	mg/L		0.150			1.83	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BGE0442-MS1)		**Source: 18E0227-04**		Prepared: 17-May-2018 Analyzed: 17-May-2018 17:32							
Arsenic	4.51	0.0140	0.250	mg/L	4.00	0.150	109	75-125			
Lead	4.03	0.0065	0.100	mg/L	4.00	ND	101	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2018 13:14

Wet Chemistry - Quality Control

Batch BGE0458 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: A

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGE0458-BS1)				Prepared: 17-May-2018 Analyzed: 17-May-2018 17:25							
pH	7.01	0.01	0.01	pH Units	7.00		100	0-200			
Duplicate (BGE0458-DUP1)			**Source: 18E0227-01**	Prepared: 17-May-2018 Analyzed: 17-May-2018 17:25							
pH	9.13	0.01	0.01	pH Units		9.13			0.00		

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2018 13:14

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2018
WA-DW	Ecology - Drinking Water	C558	06/30/2018

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2018 13:14

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

24 May 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18E0299	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.05.24 11:51:27 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18E0299	Turn-around Requested: 3 day	Date: 5/21/2018	
ARI Client Company: Pacific Environmental Redevelopment Corp	Phone: 425-346-0921 or 425-238-2212	Page: of	
Client Contact: Kenny King or Jeff King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics (WA)			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH Method 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-13A-052118	05/21/18	4:05	Soil	1	✔	✔							
SO-TC-13B-052118	05/21/18	4:10	Soil	1	✔	✔							
SO-TC-13C-052118	05/21/18	4:13	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Stephanie FINAL	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/21/18 17:05	Date & Time: 5/21/18 1705	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-May-2018 11:48

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-13A-052118	18E0299-01	Solid	21-May-2018 16:05	21-May-2018 17:05
SO-TC-13B-052118	18E0299-02	Solid	21-May-2018 16:10	21-May-2018 17:05
SO-TC-13C-052118	18E0299-03	Solid	21-May-2018 16:13	21-May-2018 17:05

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-May-2018 11:48

Case Narrative

Sample receipt

One sample as listed on the preceding page was received May 21, 2018 under ARI work order 18E0299. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

Wet Chemistry (pH by EPA 9045D)

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Perc

Project Name: Superior Plastics WA

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18E0299

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 22.7

Time: 1705

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D092561

Cooler Accepted by: Set Date: 5/11/18 Time: 1705

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES NO

Were all bottles sealed in individual plastic bags? YES NO

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)... NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI NA _____

Was Sample Split by ARI : NA YES Date/Time: _____ Equipment: _____ Split by: _____

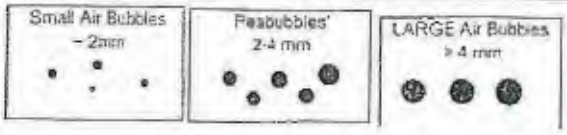
Samples Logged by: Set Date: 5/11/18 Time: 1723

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)

Peabubbles → "pb" (2 to < 4 mm)

Large → "lg" (4 to < 6 mm)

Headspace → "hs" (> 6 mm)

Incorporated
Analytical Chemists and
Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18E0299

Cooler#: _____ Temperature(°C): 22.7

Sample ID	Bottle Count	Bottle Type
Samples received above 6°		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: SB Date: 5/21/18 Time: 1905

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-May-2018 11:48

SO-TC-13A-052118

18E0299-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/21/2018 16:05

Instrument: ICP2 — Analyzed: 23-May-2018 15:11

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0588 — Sample Size: 25 mL (wet)
Prepared: 23-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.103**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-May-2018 11:48

SO-TC-13A-052118

18E0299-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/21/2018 16:05

Instrument: Accumet AR60 — Analyzed: 23-May-2018 13:15

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGE0579 — Sample Size: 20 g (wet)
Prepared: 23-May-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.61**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-May-2018 11:48

SO-TC-13B-052118

18E0299-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/21/2018 16:10

Instrument: ICP2 — Analyzed: 23-May-2018 15:15

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0588 — Sample Size: 25 mL (wet)
Prepared: 23-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.153**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-May-2018 11:48

SO-TC-13B-052118

18E0299-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/21/2018 16:10

Instrument: Accumet AR60 — Analyzed: 23-May-2018 13:15

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGE0579 — Sample Size: 20.02 g (wet)
Prepared: 23-May-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.64**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-May-2018 11:48

SO-TC-13C-052118

18E0299-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/21/2018 16:13

Instrument: ICP2 — Analyzed: 23-May-2018 15:20

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0588 — Sample Size: 25 mL (wet)
Prepared: 23-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.145**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-May-2018 11:48

SO-TC-13C-052118

18E0299-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/21/2018 16:13

Instrument: Accumet AR60 — Analyzed: 23-May-2018 13:15

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGE0579 — Sample Size: 20.15 g (wet)
Prepared: 23-May-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.45**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-May-2018 11:48

TCLP Metals and Metallic Compounds - Quality Control

Batch BGE0588 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGE0588-BLK1)					Prepared: 23-May-2018 Analyzed: 23-May-2018 14:58						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-May-2018 11:48

Wet Chemistry - Quality Control

Batch BGE0579 - EPA 9045D

Instrument: Accumet AR60 Analyst: K

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGE0579-BS1)	Prepared: 23-May-2018 Analyzed: 23-May-2018 13:15										
pH	7.03	0.01	0.01	pH Units	7.00		100	0-200			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-May-2018 11:48

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2018
WA-DW	Ecology - Drinking Water	C558	06/30/2018

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-May-2018 11:48

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

24 May 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18E0298	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.05.24 11:51:01 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18E0298	Turn-around Requested: 3 day	Date: 5/21/2018	
ARI Client Company: Pacific Environmental Redevelopment Corp	Phone: 425-346-0921 or 425-238-2212	Page: of	
Client Contact: Kenny King or Jeff King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics (WA)			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	PH Method 9045C	Analysis Requested						Notes/Comments
SO-TC-14A-052118	05/21/18	3:50	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Stephanie Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/21/18 17:04	Date & Time: 5/21/18 1705	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-May-2018 11:46

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-14A-052118	18E0298-01	Solid	21-May-2018 15:50	21-May-2018 17:05

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-May-2018 11:46

Case Narrative

Sample receipt

One sample as listed on the preceding page was received May 21, 2018 under ARI work order 18E0298. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

Wet Chemistry (pH by EPA 9045D)

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PerC
Project Name: Superior Plastics WA
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 18E0298
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)	2.7	
Time: 1705		

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID# D002565

Cooler Accepted by: Sef Date: 5/21/18 Time: 1705

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
Were all bottles sealed in individual plastic bags?		YES	NO
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Was Sample Split by ARI : NA YES Date/Time: Equipment: Split by:

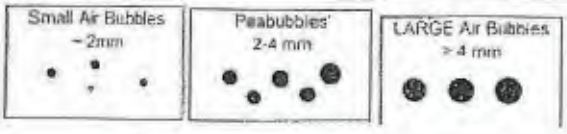
Samples Logged by: Sef Date: 5/21/18 Time: 1720

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18E0298

Cooler#: _____ Temperature(°C): 22.7

Sample ID	Bottle Count	Bottle Type
Samples received above 6°		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: SEF Date: 5/11/18 Time: 1905

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-May-2018 11:46

SO-TC-14A-052118

18E0298-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/21/2018 15:50

Instrument: ICP2 — Analyzed: 23-May-2018 15:07

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0588 — Sample Size: 25 mL (wet)
Prepared: 23-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.667**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-May-2018 11:46

SO-TC-14A-052118

18E0298-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/21/2018 15:50

Instrument: Accumet AR60 — Analyzed: 23-May-2018 13:15

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGE0579 — Sample Size: 20.06 g (wet)
Prepared: 23-May-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**11.7**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-May-2018 11:46

TCLP Metals and Metallic Compounds - Quality Control

Batch BGE0588 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGE0588-BLK1)	Prepared: 23-May-2018 Analyzed: 23-May-2018 14:58										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-May-2018 11:46

Wet Chemistry - Quality Control

Batch BGE0579 - EPA 9045D

Instrument: Accumet AR60 Analyst: K

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGE0579-BS1)				Prepared: 23-May-2018 Analyzed: 23-May-2018 13:15							
pH	7.03	0.01	0.01	pH Units	7.00		100	0-200			
Duplicate (BGE0579-DUP1)		**Source: 18E0298-01**		Prepared: 23-May-2018 Analyzed: 23-May-2018 13:15							
pH	11.7	0.01	0.01	pH Units		11.7			0.34	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-May-2018 11:46

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2018
WA-DW	Ecology - Drinking Water	C558	06/30/2018

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-May-2018 11:46

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

30 May 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18E0330	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.05.30 17:12:00 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18E0330	Turn-around Requested: 3 Day	Date: 5/23/18	
ARI Client Company: Pacific Environmental Redevelopment Co. (PERC)	Phone: 425-346-0921 or 425-238-2212	Page: of	
Client Contact: Kenny King or Jeff King		No. of Coolers: 1	Cooler Temps: 3|3
Client Project Name: Superlon Plastics (WA)			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb only	Analysis Requested: PH Method 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-15A-052318	05/23/18	09:35	Soil	1	✔	✔							
SO-TC-15B-052318	05/23/18	09:45	Soil	1	✔	✔							
SO-TC-15C-052318	05/23/18	09:55	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Stephanie Howell	Printed Name:	Printed Name:
	Company: PERI	Company: ARI	Company:	Company:
	Date & Time: 5/23/18 1:46	Date & Time: 5/23/18 1346	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-May-2018 17:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-15A-052318	18E0330-01	Solid	23-May-2018 09:35	23-May-2018 13:46
SO-TC-15B-052318	18E0330-02	Solid	23-May-2018 09:45	23-May-2018 13:46
SO-TC-15C-052318	18E0330-03	Solid	23-May-2018 09:55	23-May-2018 13:46

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-May-2018 17:06

Case Narrative

Sample receipt

Samples as listed on the preceding page were received May 23, 2018 under ARI work order 18E0330. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry (pH)

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Perc Project Name: Superior Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18E0330 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 31.3

Time: 1346

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D002565

Cooler Accepted by: Sef Date: 5/23/18 Time: 1346

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
Were all bottles sealed in individual plastic bags?		YES	NO
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Was Sample Split by ARI : NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: Sef Date: 5/23/18 Time: 1403

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18E0330

Cooler#: _____ Temperature(°C): 31.3

Sample ID	Bottle Count	Bottle Type
Samples received above 6		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: Sef Date: 5/23/18 Time: 1746

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-May-2018 17:06

SO-TC-15A-052318

18E0330-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/23/2018 09:35

Instrument: ICP2 — Analyzed: 29-May-2018 13:58

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0666 — Sample Size: 25 mL (wet)
Prepared: 25-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.127**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-May-2018 17:06

SO-TC-15A-052318

18E0330-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/23/2018 09:35

Instrument: Accumet AR60 — Analyzed: 25-May-2018 13:42

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGE0622 — Sample Size: 20.05 g (wet)
Prepared: 24-May-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.35**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-May-2018 17:06

SO-TC-15B-052318

18E0330-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/23/2018 09:45

Instrument: ICP2 — Analyzed: 29-May-2018 14:03

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0666 — Sample Size: 25 mL (wet)
Prepared: 25-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.125**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-May-2018 17:06

SO-TC-15B-052318

18E0330-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/23/2018 09:45

Instrument: Accumet AR60 — Analyzed: 25-May-2018 13:42

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGE0622 — Sample Size: 20.15 g (wet)
Prepared: 24-May-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.28**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-May-2018 17:06

SO-TC-15C-052318

18E0330-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/23/2018 09:55

Instrument: ICP2 — Analyzed: 29-May-2018 14:07

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0666 — Sample Size: 25 mL (wet)
Prepared: 25-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.117**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-May-2018 17:06

SO-TC-15C-052318

18E0330-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/23/2018 09:55

Instrument: Accumet AR60 — Analyzed: 25-May-2018 13:42

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGE0622 — Sample Size: 20.04 g (wet)
Prepared: 24-May-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.97**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-May-2018 17:06

TCLP Metals and Metallic Compounds - Quality Control

Batch BGE0666 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGE0666-BLK1)					Prepared: 25-May-2018 Analyzed: 29-May-2018 13:50						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-May-2018 17:06

Wet Chemistry - Quality Control

Batch BGE0622 - EPA 9045D

Instrument: Accumet AR60 Analyst: K

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGE0622-BS1)				Prepared: 24-May-2018 Analyzed: 25-May-2018 13:42							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	0-200			
Duplicate (BGE0622-DUP1)		**Source: 18E0330-01**		Prepared: 24-May-2018 Analyzed: 25-May-2018 13:42							
pH	8.40	0.01	0.01	pH Units		8.35			0.60	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-May-2018 17:06

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2018
WA-DW	Ecology - Drinking Water	C558	06/30/2018

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-May-2018 17:06

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

04 June 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18E0392	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.06.04 14:51:57 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18E0392	Turn-around Requested: 3 Day	Date: 5/29/18	
ARI Client Company: PERC	Phone: 425-346-0921 or 425-238-2212	Page: of	
Client Contact: Kenny King or Jeff King		No. of Coolers: 1	Cooler Temps: 21.3
Client Project Name: Superlon Plastics (WA)			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH Method 9045C	Notes/Comments
SO-TC-16A-052918	05/29/18	12:45	Soil	1	✔	✔	
SO-TC-16B-052918	05/29/18	12:55	Soil	1	✔	✔	
SO-TC-16C-052918	05/29/18	13:10	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time
	Kenny King	Kenny King	PERC	3/29/18 15:38	Stephanie Fishel	Stephanie Fishel	ARI	5/29/18 1535								

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2018 14:49

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-16A-052918	18E0392-01	Solid	29-May-2018 12:45	29-May-2018 15:38
SO-TC-16B-052918	18E0392-02	Solid	29-May-2018 12:55	29-May-2018 15:38
SO-TC-16C-052918	18E0392-03	Solid	29-May-2018 13:10	29-May-2018 15:38

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2018 14:49

Case Narrative

Sample receipt

Samples as listed on the preceding page were received May 29, 2018 under ARI work order 18E0392. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry (pH)

The sample(s) were prepared and analyzed within the recommended holding times.

No analytical complications noted.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Pesc
Project Name: Superior Plastics
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 18E0392
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry): 2.1
Time: 1538
If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: D02565

Cooler Accepted by: Set Date: 5/29/18 Time: 1538

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI: (NA) YES Date/Time: Equipment: Split by:

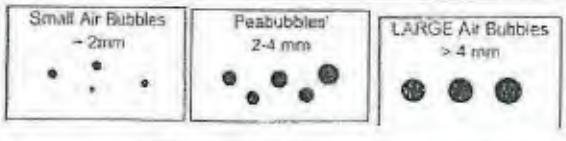
Samples Logged by: Set Date: 5/29/18 Time: 1652

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18E0392

Cooler#: _____ Temperature(°C): 21.3

Sample ID	Bottle Count	Bottle Type
Samples received above 6°		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: Sef Date: 5/29/18 Time: 1538

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2018 14:49

SO-TC-16A-052918

18E0392-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/29/2018 12:45

Instrument: ICP2 — Analyzed: 01-Jun-2018 12:09

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0764 — Sample Size: 25 mL (wet)
Prepared: 31-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.101**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2018 14:49

SO-TC-16A-052918

18E0392-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/29/2018 12:45

Instrument: Accumet AR60 — Analyzed: 04-Jun-2018 12:22

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0033 — Sample Size: 20.02 g (wet)
Prepared: 04-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.60**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2018 14:49

SO-TC-16B-052918

18E0392-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/29/2018 12:55

Instrument: ICP2 — Analyzed: 01-Jun-2018 13:16

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0764 — Sample Size: 25 mL (wet)
Prepared: 31-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.135**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2018 14:49

SO-TC-16B-052918

18E0392-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/29/2018 12:55

Instrument: Accumet AR60 — Analyzed: 04-Jun-2018 12:22

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0033 — Sample Size: 20.16 g (wet)
Prepared: 04-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.10**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2018 14:49

SO-TC-16C-052918

18E0392-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/29/2018 13:10

Instrument: ICP2 — Analyzed: 01-Jun-2018 13:54

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGE0764 — Sample Size: 25 mL (wet)
Prepared: 31-May-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.120**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2018 14:49

SO-TC-16C-052918

18E0392-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/29/2018 13:10

Instrument: Accumet AR60 — Analyzed: 04-Jun-2018 12:22

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0033 — Sample Size: 20.13 g (wet)
Prepared: 04-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.99**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2018 14:49

TCLP Metals and Metallic Compounds - Quality Control

Batch BGE0764 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGE0764-BLK1)					Prepared: 31-May-2018 Analyzed: 01-Jun-2018 12:59						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2018 14:49

Wet Chemistry - Quality Control

Batch BGF0033 - EPA 9045D

Instrument: Accumet AR60 Analyst: K

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGF0033-BS1)				Prepared: 04-Jun-2018 Analyzed: 04-Jun-2018 12:22							
pH	7.02	0.01	0.01	pH Units	7.00		100	0-200			
Duplicate (BGF0033-DUP1)		**Source: 18E0392-01**		Prepared: 04-Jun-2018 Analyzed: 04-Jun-2018 12:22							
pH	8.64	0.01	0.01	pH Units		8.60			0.46	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2018 14:49

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2018
WA-DW	Ecology - Drinking Water	C558	06/30/2018

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2018 14:49

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

11 June 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18F0036	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.06.11 13:40:11 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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nelac Cert# 100006

PJLA Testing Accreditation # 66169

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18F0036	Turn-around Requested: 3 Day	Date: 6/4/18	
ARI Client Company: PERC	Phone: 425-346-0921	Page: 1 of 1	
Client Contact: Kenny King		No. of Coolers: 0	Cooler Temps: 25.0°C
Client Project Name: Superlon Plastics (WA)			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH Method 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-17A-060418	06/04/18	09:35	Soil	1	✔	✔							
SO-TC-17B-060418	06/04/18	09:45	Soil	1	✔	✔							
SO-TC-17C-060418	06/04/18	09:55	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacobsalte	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/4/18 16:48	Date & Time: 06/04/18 1648	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 13:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-17A-060418	18F0036-01	Solid	04-Jun-2018 09:35	04-Jun-2018 16:48
SO-TC-17B-060418	18F0036-02	Solid	04-Jun-2018 09:45	04-Jun-2018 16:48
SO-TC-17C-060418	18F0036-03	Solid	04-Jun-2018 09:55	04-Jun-2018 16:48

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 13:30

Case Narrative

Sample receipt

Samples as listed on the preceding page were received June 4, 2018 under ARI work order 18F0036. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry (pH)

The sample(s) were prepared and analyzed within the recommended holding times.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: _____

COC No(s): _____ NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18F0036

Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 25.0C

Time: 1648

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D005206

Cooler Accepted by: JSW Date: 06/04/18 Time: 1648

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES NO

Were all bottles sealed in individual plastic bags? YES NO

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)... NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI... NA _____

Was Sample Split by ARI : NA YES Date/Time: _____ Equipment: _____ Split by: _____

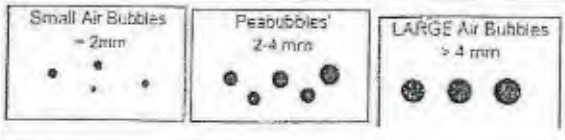
Samples Logged by: JSW Date: 06/04/18 Time: 1658

** *Notify Project Manager of discrepancies or concerns* **

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Incorporated
Analytical Chemists and
Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18F0036

Cooler#: _____ Temperature(°C): 25.0°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: JSW Date: 06/04/18 Time: 1648

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 13:30

SO-TC-17A-060418

18F0036-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/04/2018 09:35

Instrument: ICP2 — Analyzed: 08-Jun-2018 13:47

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGF0100 — Sample Size: 25 mL (wet)
Prepared: 06-Jun-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0886**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 13:30

SO-TC-17A-060418

18F0036-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/04/2018 09:35

Instrument: Accumet AR60 — Analyzed: 06-Jun-2018 13:44

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0096 — Sample Size: 20 g (wet)
Prepared: 06-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.48**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 13:30

SO-TC-17B-060418

18F0036-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/04/2018 09:45

Instrument: ICP2 — Analyzed: 08-Jun-2018 13:35

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGF0100 — Sample Size: 25 mL (wet)
Prepared: 06-Jun-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.114**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 13:30

SO-TC-17B-060418

18F0036-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/04/2018 09:45

Instrument: Accumet AR60 — Analyzed: 06-Jun-2018 13:44

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0096 — Sample Size: 20.11 g (wet)
Prepared: 06-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.83**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 13:30

SO-TC-17C-060418

18F0036-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/04/2018 09:55

Instrument: ICP2 — Analyzed: 08-Jun-2018 13:39

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGF0100 — Sample Size: 25 mL (wet)
Prepared: 06-Jun-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.217**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.374**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 13:30

SO-TC-17C-060418

18F0036-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/04/2018 09:55

Instrument: Accumet AR60 — Analyzed: 06-Jun-2018 13:44

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0096 — Sample Size: 20.07 g (wet)
Prepared: 06-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.39**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 13:30

TCLP Metals and Metallic Compounds - Quality Control

Batch BGF0100 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: EL

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGF0100-BLK1)				Prepared: 06-Jun-2018 Analyzed: 08-Jun-2018 13:30							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGF0100-DUP1)		**Source: 18F0036-01**		Prepared: 06-Jun-2018 Analyzed: 08-Jun-2018 13:52							
Arsenic	0.102	0.0140	0.250	mg/L		0.0886			14.10	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BGF0100-MS1)		**Source: 18F0036-01**		Prepared: 06-Jun-2018 Analyzed: 08-Jun-2018 13:56							
Arsenic	4.44	0.0140	0.250	mg/L	4.00	0.0886	109	75-125			
Lead	4.03	0.0065	0.100	mg/L	4.00	ND	101	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 13:30

Wet Chemistry - Quality Control

Batch BGF0096 - EPA 9045D

Instrument: Accumet AR60 Analyst: K

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGF0096-BS1)				Prepared: 06-Jun-2018 Analyzed: 06-Jun-2018 13:44							
pH	7.03	0.01	0.01	pH Units	7.00		100	0-200			
Duplicate (BGF0096-DUP1)		**Source: 18F0036-01**		Prepared: 06-Jun-2018 Analyzed: 06-Jun-2018 13:44							
pH	8.49	0.01	0.01	pH Units		8.48			0.12	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 13:30

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2018
WA-DW	Ecology - Drinking Water	C558	06/30/2018

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 13:30

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

11 June 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18F0037	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.06.11 13:40:33 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18F0037	Turn-around Requested: 3 Day	Date: 6/4/18	
ARI Client Company: PERC	Phone: 425-346-0921	Page: 1 of 1	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 25.0°C
Client Project Name: Superlon Plastics (WA)			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH Method 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-18A-060418	06/04/18	14:32	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacobsalter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/4/18 16:48	Date & Time: 06/04/18 1648	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 13:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-18A-060418	18F0037-01	Solid	04-Jun-2018 14:32	04-Jun-2018 16:48

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 13:31

Case Narrative

Sample receipt

The sample as listed on the preceding page was received June 4, 2018 under ARI work order 18F0037. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry (pH)

The sample was prepared and analyzed within the recommended holding times.

TCLP Metals

The sample was digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: _____

COC No(s): _____ NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18F0037

Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 25.0C

Time: 1648

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00306

Cooler Accepted by: JBW Date: 06/04/18 Time: 1648

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES NO

Were all bottles sealed in individual plastic bags? YES NO

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)... (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI... (NA) _____

Was Sample Split by ARI: (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

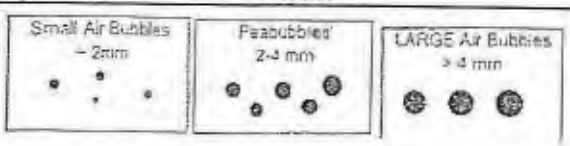
Samples Logged by: JBW Date: 06/04/18 Time: 1701

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)

Peabubbles → "pb" (2 to < 4 mm)

Large → "lg" (4 to < 6 mm)

Headspace → "hs" (> 6 mm)

Incorporated
Analytical Chemists and
Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18F0037

Cooler#: _____ Temperature(°C): 25.0°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: JSW Date: 06/04/18 Time: 1648

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 13:31

SO-TC-18A-060418

18F0037-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/04/2018 14:32

Instrument: ICP2 — Analyzed: 08-Jun-2018 13:43

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGF0100 — Sample Size: 25 mL (wet)
Prepared: 06-Jun-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.307**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.0341**	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 13:31

SO-TC-18A-060418

18F0037-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/04/2018 14:32

Instrument: Accumet AR60 — Analyzed: 06-Jun-2018 13:44

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0096 — Sample Size: 20.1 g (wet)
Prepared: 06-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**11.8**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 13:31

TCLP Metals and Metallic Compounds - Quality Control

Batch BGF0100 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: EL

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGF0100-BLK1)					Prepared: 06-Jun-2018 Analyzed: 08-Jun-2018 13:30						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 13:31

Wet Chemistry - Quality Control

Batch BGF0096 - EPA 9045D

Instrument: Accumet AR60 Analyst: K

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGF0096-BS1)				Prepared: 06-Jun-2018 Analyzed: 06-Jun-2018 13:44							
pH	7.03	0.01	0.01	pH Units	7.00		100	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 13:31

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2018
WA-DW	Ecology - Drinking Water	C558	06/30/2018

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 13:31

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

11 June 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18F0053	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.06.11 12:40:06 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18F0053	Turn-around Requested: 3 Day	Date: 6/5/18	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 25.1°C
Client Project Name: Superlon Plastics (WA)			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH Method 9045C	Notes/Comments
SO-TC-19A-060518	06/05/18	13:00	Soil	1	✔	✔	
SO-TC-19B-060518	06/05/18	13:10	Soil	1	✔	✔	
SO-TC-19C-060518	06/05/18	13:20	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/5/18 16:55	Date & Time: 06/05/18 1655	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-19A-060518	18F0053-01	Solid	05-Jun-2018 13:00	05-Jun-2018 16:55
SO-TC-19B-060518	18F0053-02	Solid	05-Jun-2018 13:10	05-Jun-2018 16:55
SO-TC-19C-060518	18F0053-03	Solid	05-Jun-2018 13:20	05-Jun-2018 16:55

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:27

Case Narrative

Sample receipt

Samples as listed on the preceding page were received June 5, 2018 under ARI work order 18F0053. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry (pH by EPA 9045D)

The sample(s) were prepared and analyzed within the recommended holding times.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PGRC

Project Name: _____

COC No(s): _____ NA

Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other: _____

Assigned ARI Job No: 18F0053

Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 25.1°C

Time: 1655

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D0052006

Cooler Accepted by: JBW Date: 06/05/18 Time: 1655

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES (NO)

Were all bottles sealed in individual plastic bags? YES (NO)

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)... (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI... (NA) _____

Was Sample Split by ARI: (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

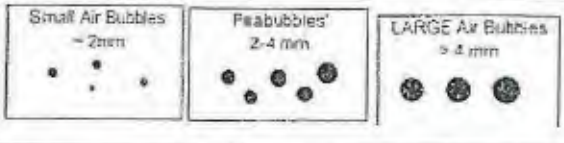
Samples Logged by: JBW Date: 06/05/18 Time: 1710

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)

Peabubbles → "pb" (2 to < 4 mm)

Large → "lg" (4 to < 6 mm)

Headspace → "hs" (> 6 mm)

Incorporated
Analytical Chemists and
Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18F0053

Cooler#: _____ Temperature(°C): 25.1°C

Sample ID	Bottle Count	Bottle Type
Samples Received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: JSW Date: 06/05/18 Time: 1655

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:27

SO-TC-19A-060518

18F0053-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/05/2018 13:00

Instrument: ICP2 — Analyzed: 08-Jun-2018 14:25

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGF0126 — Sample Size: 25 mL (wet)
Prepared: 07-Jun-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0877**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:27

SO-TC-19A-060518

18F0053-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/05/2018 13:00

Instrument: Accumet AR60 — Analyzed: 06-Jun-2018 13:44

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0096 — Sample Size: 20.3 g (wet)
Prepared: 06-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.09**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:27

SO-TC-19B-060518

18F0053-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/05/2018 13:10

Instrument: ICP2 — Analyzed: 08-Jun-2018 14:12

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGF0126 — Sample Size: 25 mL (wet)
Prepared: 07-Jun-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0864**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:27

SO-TC-19B-060518

18F0053-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/05/2018 13:10

Instrument: Accumet AR60 — Analyzed: 06-Jun-2018 13:44

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0096 — Sample Size: 20.03 g (wet)
Prepared: 06-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.31**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:27

SO-TC-19C-060518

18F0053-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/05/2018 13:20

Instrument: ICP2 — Analyzed: 08-Jun-2018 14:17

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGF0126 — Sample Size: 25 mL (wet)
Prepared: 07-Jun-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0968**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:27

SO-TC-19C-060518

18F0053-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/05/2018 13:20

Instrument: Accumet AR60 — Analyzed: 06-Jun-2018 13:44

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0096 — Sample Size: 20.07 g (wet)
Prepared: 06-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.17**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:27

TCLP Metals and Metallic Compounds - Quality Control

Batch BGF0126 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: EL

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGF0126-BLK1)				Prepared: 07-Jun-2018 Analyzed: 08-Jun-2018 14:08							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGF0126-DUP1)		**Source: 18F0053-01**		Prepared: 07-Jun-2018 Analyzed: 08-Jun-2018 14:29							
Arsenic	0.0988	0.0140	0.250	mg/L		0.0877			11.90	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BGF0126-MS1)		**Source: 18F0053-01**		Prepared: 07-Jun-2018 Analyzed: 08-Jun-2018 14:34							
Arsenic	4.33	0.0140	0.250	mg/L	4.00	0.0877	106	75-125			
Lead	3.94	0.0065	0.100	mg/L	4.00	ND	98.5	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:27

Wet Chemistry - Quality Control

Batch BGF0096 - EPA 9045D

Instrument: Accumet AR60 Analyst: K

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGF0096-BS1)				Prepared: 06-Jun-2018 Analyzed: 06-Jun-2018 13:44							
pH	7.03	0.01	0.01	pH Units	7.00		100	0-200			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:27

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
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WA-DW	Ecology - Drinking Water	C558	06/30/2018

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:27

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

11 June 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18F0054	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.06.11 12:40:32 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18F0054	Turn-around Requested: 3 Day	Date: 6/5/18	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 25.1°C
Client Project Name: Superlon Plastics (WA)			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH Method 9045C	Notes/Comments
SO-TC-20A-060518	06/05/18	15:00	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/5/18 16:55	Date & Time: 06/05/18 1655	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-20A-060518	18F0054-01	Solid	05-Jun-2018 15:00	05-Jun-2018 16:55

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:28

Case Narrative

Sample receipt

Samples as listed on the preceding page were received June 5, 2018 under ARI work order 18F0054. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry (pH by EPA Method 9045D)

The sample(s) were prepared and analyzed within the recommended holding times.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PGRC

Project Name: _____

COC No(s): _____ NA

Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other: _____

Assigned ARI Job No: 18F0054

Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry): 25.1°C

Time: 1655

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 120052006

Cooler Accepted by: JSm Date: 06/05/18 Time: 1655

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI: (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

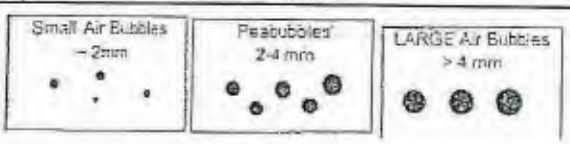
Samples Logged by: JSm Date: 06/05/18 Time: 1712

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Incorporated
Analytical Chemists and
Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18F0054

Cooler#: _____ Temperature(°C): 25.1°C

Sample ID	Bottle Count	Bottle Type
Samples Received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: SSW Date: 06/05/18 Time: 1655

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:28

SO-TC-20A-060518

18F0054-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/05/2018 15:00

Instrument: ICP2 — Analyzed: 08-Jun-2018 14:21

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGF0126 — Sample Size: 25 mL (wet)
Prepared: 07-Jun-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.467**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:28

SO-TC-20A-060518

18F0054-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/05/2018 15:00

Instrument: Accumet AR60 — Analyzed: 06-Jun-2018 13:44

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0096 — Sample Size: 20.1 g (wet)
Prepared: 06-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**10.2**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:28

TCLP Metals and Metallic Compounds - Quality Control

Batch BGF0126 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: EL

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGF0126-BLK1)					Prepared: 07-Jun-2018 Analyzed: 08-Jun-2018 14:08						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:28

Wet Chemistry - Quality Control

Batch BGF0096 - EPA 9045D

Instrument: Accumet AR60 Analyst: K

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGF0096-BS1)				Prepared: 06-Jun-2018 Analyzed: 06-Jun-2018 13:44							
pH	7.03	0.01	0.01	pH Units	7.00		100	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:28

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2018
WA-DW	Ecology - Drinking Water	C558	06/30/2018

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:28

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

11 June 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18F0066	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.06.11 12:41:32 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18F0066	Turn-around Requested: 2 Day	Date: 6/6/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 27.3°C
Client Project Name: Superlon Plastics (WA)			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH Method 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-20B-060618	06/06/18	09:35	Soil	1	✔	✔							
SO-TC-20C-060618	06/06/18	09:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Jacob Smith	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/6/18 3:20	Date & Time: 06/06/18 1528	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-20B-060618	18F0066-01	Solid	06-Jun-2018 09:35	06-Jun-2018 15:28
SO-TC-20C-060618	18F0066-02	Solid	06-Jun-2018 09:45	06-Jun-2018 15:28

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:31

Case Narrative

Sample receipt

Samples as listed on the preceding page were received June 6, 2018 under ARI work order 18F0066. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry - pH by EPA Method 9045A

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC — Project Name: _____

COC No(s): _____ NA — Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18F0066 — Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 27.3°C
Time: 1528

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: D05706

Cooler Accepted by: [signature] Date: 06/06/18 Time: 1528

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: Set Date: 6/6/18 Time: 1539

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Incorporated
Analytical Chemists and
Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18F0066

Cooler#: _____ Temperature(°C): 27.3°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: JBW Date: 06/06/18 Time: 1528

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:31

SO-TC-20B-060618

18F0066-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/06/2018 09:35

Instrument: ICP2 — Analyzed: 08-Jun-2018 15:04

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGF0156 — Sample Size: 25 mL (wet)
Prepared: 08-Jun-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.800**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:31

SO-TC-20B-060618

18F0066-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/06/2018 09:35

Instrument: Accumet AR60 — Analyzed: 07-Jun-2018 08:44

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0119 — Sample Size: 20 g (wet)
Prepared: 07-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**11.3**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:31

SO-TC-20C-060618

18F0066-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/06/2018 09:45

Instrument: ICP2 — Analyzed: 08-Jun-2018 15:08

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGF0156 — Sample Size: 25 mL (wet)
Prepared: 08-Jun-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.409**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.133**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:31

SO-TC-20C-060618

18F0066-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/06/2018 09:45

Instrument: Accumet AR60 — Analyzed: 07-Jun-2018 08:44

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0119 — Sample Size: 20 g (wet)
Prepared: 07-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**11.0**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:31

TCLP Metals and Metallic Compounds - Quality Control

Batch BGF0156 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: EL

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGF0156-BLK1)					Prepared: 08-Jun-2018 Analyzed: 08-Jun-2018 14:55						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:31

Wet Chemistry - Quality Control

Batch BGF0119 - EPA 9045D

Instrument: Accumet AR60 Analyst: K

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGF0119-BS1)				Prepared: 07-Jun-2018 Analyzed: 07-Jun-2018 08:44							
pH	7.03	0.01	0.01	pH Units	7.00		100	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:31

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2018
WA-DW	Ecology - Drinking Water	C558	06/30/2018

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2018 12:31

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

18 June 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18F0172	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.06.18 16:41:33 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18F0172	Turn-around Requested: 3 Day	Date: 6/12/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 25.6
Client Project Name: Superlon Plastics (WA)			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Notes/Comments
SO-TC-22A-061218	06/12/18	10:15	Soil	1	✔	✔	
SO-TC-22B-061218	06/12/18	10:25	Soil	1	✔	✔	
SO-TC-22C-061218	06/12/18	10:35	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Stephanie Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/12/18 16:41	Date & Time: 6/12/18 1641	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-22A-061218	18F0172-01	Solid	12-Jun-2018 10:15	12-Jun-2018 16:41
SO-TC-22B-061218	18F0172-02	Solid	12-Jun-2018 10:25	12-Jun-2018 16:41
SO-TC-22C-061218	18F0172-03	Solid	12-Jun-2018 10:35	12-Jun-2018 16:41

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:31

Case Narrative

Sample receipt

Samples as listed on the preceding page were received June 12, 2018 under ARI work order 18F0172. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry (pH)

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Perc
Project Name: Superior Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 18F0172
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry): 2.6
Time: 1641
If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: D00256

Cooler Accepted by: Sef Date: 6/17/18 Time: 1641

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
Were all bottles sealed in individual plastic bags?		YES	NO
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Was Sample Split by ARI: NA YES Date/Time: Equipment: Split by:

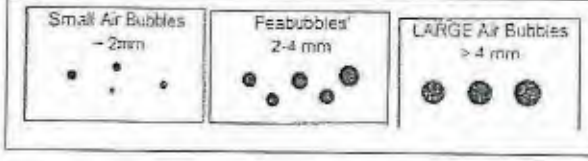
Samples Logged by: Sef Date: 6/17/18 Time: 1700

** *Notify Project Manager of discrepancies or concerns* **

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Incorporated
Analytical Chemists and
Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18F0172

Cooler#: _____ Temperature(°C): 25.6

Sample ID	Bottle Count	Bottle Type
Samples received above 6°		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: Sef Date: 6/12/18 Time: 16:11

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:31

SO-TC-22A-061218

18F0172-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/12/2018 10:15

Instrument: ICP2 — Analyzed: 15-Jun-2018 11:50

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGF0333 — Sample Size: 25 mL (wet)
Prepared: 14-Jun-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0472**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:31

SO-TC-22A-061218

18F0172-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/12/2018 10:15

Instrument: Orion115 — Analyzed: 14-Jun-2018 15:20

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0320 — Sample Size: 9.42 g (wet)
Prepared: 14-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.02	0.02	**9.42**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:31

SO-TC-22B-061218

18F0172-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/12/2018 10:25

Instrument: ICP2 — Analyzed: 15-Jun-2018 11:55

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGF0333 — Sample Size: 25 mL (wet)
Prepared: 14-Jun-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0649**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:31

SO-TC-22B-061218

18F0172-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/12/2018 10:25

Instrument: Orion115 — Analyzed: 14-Jun-2018 15:20

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0320 — Sample Size: 9.49 g (wet)
Prepared: 14-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.02	0.02	**9.49**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:31

SO-TC-22C-061218

18F0172-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/12/2018 10:35

Instrument: ICP2 — Analyzed: 15-Jun-2018 11:59

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGF0333 — Sample Size: 25 mL (wet)
Prepared: 14-Jun-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0883**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:31

SO-TC-22C-061218

18F0172-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/12/2018 10:35

Instrument: Orion115 — Analyzed: 14-Jun-2018 15:20

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0320 — Sample Size: 9.53 g (wet)
Prepared: 14-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.02	0.02	**9.53**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:31

TCLP Metals and Metallic Compounds - Quality Control

Batch BGF0333 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: EL

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGF0333-BLK1)				Prepared: 14-Jun-2018 Analyzed: 15-Jun-2018 11:38							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0080	0.0065	0.100	mg/L							J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:31

Wet Chemistry - Quality Control

Batch BGF0320 - EPA 9045D

Instrument: Orion115 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGF0320-BS1)				Prepared: 14-Jun-2018 Analyzed: 14-Jun-2018 15:20							
pH	7.04	0.01	0.01	pH Units	7.00		101	0-200			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:31

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2018
WA-DW	Ecology - Drinking Water	C558	06/30/2018

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:31

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

18 June 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18F0171	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.06.18 16:41:08 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18F0171	Turn-around Requested: 3 Day	Date: 6/12/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 2S.6
Client Project Name: Superlon Plastics (WA)			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Notes/Comments
SO-TC-23A-061218	06/12/18	15:45	Soil	1	✔	✔	
SO-TC-23B-061218	06/12/18	16:00	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Kenny King	Stephanie Fisher		
	Printed Name: Kenny King	Printed Name: Stephanie Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/12/18 16:41	Date & Time: 6/12/18 1641	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-23A-061218	18F0171-01	Solid	12-Jun-2018 15:45	12-Jun-2018 16:41
SO-TC-23B-061218	18F0171-02	Solid	12-Jun-2018 16:00	12-Jun-2018 16:41

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:33

Case Narrative

Sample receipt

Samples as listed on the preceding page were received Junde 12, 2018 under ARI work order 18F0171. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry (pH)

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Perc

Project Name: Superior Plastics

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other: _____

Assigned ARI Job No: 18F0171

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 2.6 ___ ___ ___

Time: 1641

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00256

Cooler Accepted by: Set Date: 6/17/18 Time: 1641

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI : (NA) YES Date/Time:_____ Equipment:_____ Split by:_____

Samples Logged by: Set Date: 6/17/18 Time: 1619

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18F0171

Cooler#: _____ Temperature(°C): 25.6

Sample ID	Bottle Count	Bottle Type
Samples received above 6°		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: Sef Date: 6/12/18 Time: 1641

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:33

SO-TC-23A-061218

18F0171-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/12/2018 15:45

Instrument: ICP2 — Analyzed: 15-Jun-2018 12:03

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGF0333 — Sample Size: 25 mL (wet)
Prepared: 14-Jun-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.128**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:33

SO-TC-23A-061218

18F0171-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/12/2018 15:45

Instrument: Orion115 — Analyzed: 14-Jun-2018 15:20

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0320 — Sample Size: 8.73 g (wet)
Prepared: 14-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.02	0.02	**8.73**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:33

SO-TC-23B-061218

18F0171-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/12/2018 16:00

Instrument: ICP2 — Analyzed: 15-Jun-2018 11:46

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGF0333 — Sample Size: 25 mL (wet)
Prepared: 14-Jun-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0537**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:33

SO-TC-23B-061218

18F0171-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/12/2018 16:00

Instrument: Orion115 — Analyzed: 14-Jun-2018 15:20

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0320 — Sample Size: 9.18 g (wet)
Prepared: 14-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.02	0.02	**9.18**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:33

TCLP Metals and Metallic Compounds - Quality Control

Batch BGF0333 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: EL

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGF0333-BLK1)				Prepared: 14-Jun-2018 Analyzed: 15-Jun-2018 11:38							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0080	0.0065	0.100	mg/L							J
Duplicate (BGF0333-DUP1)		**Source: 18F0171-01**		Prepared: 14-Jun-2018 Analyzed: 15-Jun-2018 12:07							
Arsenic	0.126	0.0140	0.250	mg/L		0.128			1.58	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BGF0333-MS1)		**Source: 18F0171-01**		Prepared: 14-Jun-2018 Analyzed: 15-Jun-2018 12:12							
Arsenic	4.40	0.0140	0.250	mg/L	4.00	0.128	107	75-125			
Lead	4.01	0.0065	0.100	mg/L	4.00	ND	100	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:33

Wet Chemistry - Quality Control

Batch BGF0320 - EPA 9045D

Instrument: Orion115 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGF0320-BS1)				Prepared: 14-Jun-2018 Analyzed: 14-Jun-2018 15:20							
pH	7.04	0.01	0.01	pH Units	7.00		101	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:33

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2018
WA-DW	Ecology - Drinking Water	C558	06/30/2018

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:33

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

18 June 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18F0195	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.06.18 16:41:57 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18F0195	Turn-around Requested: 2 Day	Date: 6/13/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics (WA)			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	PH 9045C	Analysis Requested						Notes/Comments
SO-TC-24A-061318	06/13/18	09:15	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Brandon Fick	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/13/18 15:00	Date & Time: 6/13/18 1500	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:36

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-24A-061318	18F0195-01	Solid	13-Jun-2018 09:15	13-Jun-2018 15:00

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:36

Case Narrative

Sample receipt

One sample as listed on the preceding page was received June 13, 2018 under ARI work order 18F0195. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry - pH

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Kenny King Project Name: Superlok Plastic

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18F0195 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 26.3

Time: 1500

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D002564

Cooler Accepted by: BF Date: 6/13/18 Time: 1500

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
Were all bottles sealed in individual plastic bags?		(YES)	NO
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI : (NA) YES Date/Time:_____ Equipment:_____ Split by:_____

Samples Logged by: Sef Date: 6/13/18 Time: 1551

** *Notify Project Manager of discrepancies or concerns* **

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Incorporated
Analytical Chemists and
Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18F0195

Cooler#: _____ Temperature(°C): 26.3

Sample ID	Bottle Count	Bottle Type
Sample received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: BF Date: 6/3/18 Time: 1500

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:36

SO-TC-24A-061318

18F0195-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/13/2018 09:15

Instrument: ICP2 — Analyzed: 15-Jun-2018 15:03

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGF0379 — Sample Size: 25 mL (wet)
Prepared: 15-Jun-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.915**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.0385**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:36

SO-TC-24A-061318

18F0195-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/13/2018 09:15

Instrument: Orion115 — Analyzed: 14-Jun-2018 15:20

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0320 — Sample Size: 10.47 g (wet)
Prepared: 14-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.02	0.02	**10.5**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:36

TCLP Metals and Metallic Compounds - Quality Control

Batch BGF0379 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: EL

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGF0379-BLK1)				Prepared: 15-Jun-2018 Analyzed: 15-Jun-2018 14:54							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0102	0.0065	0.100	mg/L							J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:36

Wet Chemistry - Quality Control

Batch BGF0320 - EPA 9045D

Instrument: Orion115 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGF0320-BS1)				Prepared: 14-Jun-2018 Analyzed: 14-Jun-2018 15:20							
pH	7.04	0.01	0.01	pH Units	7.00		101	0-200			
Duplicate (BGF0320-DUP1)		**Source: 18F0195-01**		Prepared: 14-Jun-2018 Analyzed: 14-Jun-2018 15:20							
pH	10.5	0.02	0.02	pH Units		10.5			0.19	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:36

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2018
WA-DW	Ecology - Drinking Water	C558	06/30/2018

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: TCLP	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jun-2018 16:36

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

22 June 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18F0268	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.06.22 15:28:40 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18F0268	Turn-around Requested: 3 Day	Date: 6/18/18	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 32.7
Client Project Name: Superlon Plastics (WA)			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-25A-061818	06/18/18	09:15	Soil	1	✔	✔							
SO-TC-25B-061818	06/18/18	09:25	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: A. Volgardsen	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/18/18 16:05	Date & Time: 6/18/18 1605	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Jun-2018 15:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-25A-061818	18F0268-01	Solid	18-Jun-2018 09:15	18-Jun-2018 16:05
SO-TC-25B-061818	18F0268-02	Solid	18-Jun-2018 09:25	18-Jun-2018 16:05

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Jun-2018 15:24

Case Narrative

Sample receipt

Samples as listed on the preceding page were received June 18, 2018 under ARI work order 18F0268. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry - pH

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): _____ NA

Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other: _____

Assigned ARI Job No: 18F0268

Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry): 3.2.7

Time: _____

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00505

Cooler Accepted by: AV Date: 6/18/18 Time: 1605

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	(NA)	YES	NO
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		YES	(NO)
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: SoF Date: 6/18/18 Time: 1624

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

Sample labels smeared away

By: SoF Date: 6/18/18

Small Air Bubbles ~ 2mm	Peabubbles 2-4 mm	LARGE Air Bubbles > 4 mm
•	•	●

Small → "sm" (< 2 mm)

Peabubbles → "pb" (2 to < 4 mm)

Large → "lg" (4 to < 6 mm)

Headspace → "hs" (> 6 mm)

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Jun-2018 15:24

SO-TC-25A-061818

18F0268-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/18/2018 09:15

Instrument: ICP2 — Analyzed: 21-Jun-2018 11:29

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGF0492 — Sample Size: 25 mL (wet)
Prepared: 20-Jun-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0583**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Jun-2018 15:24

SO-TC-25A-061818

18F0268-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/18/2018 09:15

Instrument: Accumet AR60 — Analyzed: 22-Jun-2018 09:23

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0549 — Sample Size: 20.16 g (wet)
Prepared: 22-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.46**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Jun-2018 15:24

SO-TC-25B-061818

18F0268-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/18/2018 09:25

Instrument: ICP2 — Analyzed: 21-Jun-2018 11:33

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGF0492 — Sample Size: 25 mL (wet)
Prepared: 20-Jun-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0634**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Jun-2018 15:24

SO-TC-25B-061818

18F0268-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/18/2018 09:25

Instrument: Accumet AR60 — Analyzed: 22-Jun-2018 09:23

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0549 — Sample Size: 20.33 g (wet)
Prepared: 22-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.59**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
22-Jun-2018 15:24

TCLP Metals and Metallic Compounds - Quality Control

Batch BGF0492 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: ICP

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGF0492-BLK1)					Prepared: 20-Jun-2018 Analyzed: 21-Jun-2018 11:25						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Jun-2018 15:24

Wet Chemistry - Quality Control

Batch BGF0549 - EPA 9045D

Instrument: Accumet AR60 Analyst: K

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGF0549-BS1)					Prepared: 22-Jun-2018 Analyzed: 22-Jun-2018 09:23						
pH	7.02	0.01	0.01	pH Units	7.00		100	0-200			
Duplicate (BGF0549-DUP1)		**Source: 18F0268-01**			Prepared: 22-Jun-2018 Analyzed: 22-Jun-2018 09:23						
pH	9.51	0.01	0.01	pH Units		9.46			0.53	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Jun-2018 15:24

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2018
WA-DW	Ecology - Drinking Water	C558	06/30/2018

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Jun-2018 15:24

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

25 June 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18F0305	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.06.25 16:10:32 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18F0305	Turn-around Requested: 2 Day	Date: 6/20/18	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 27.9
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 AS/Pb Only	Analysis Requested: PH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-26A-062018	06/20/18	11:15	Soil	1	✔	✔							
SO-TC-26B-062018	06/20/18	11:25	Soil	1	✔	✔							
SO-TC-26C-062018	06/20/18	11:35	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Stephanie Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/20/18 3:17 PM	Date & Time: 6/20/18 1517	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2018 16:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-26A-062018	18F0305-01	Solid	20-Jun-2018 11:15	20-Jun-2018 15:17
SO-TC-26B-062018	18F0305-02	Solid	20-Jun-2018 11:25	20-Jun-2018 15:17
SO-TC-26C-062018	18F0305-03	Solid	20-Jun-2018 11:35	20-Jun-2018 15:17

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2018 16:04

Case Narrative

Sample receipt

Samples as listed on the preceding page were received June 20, 2018 under ARI work order 18F0305. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry (pH)

There were no analytical complications noted.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Perc

Project Name: _____

COC No(s): _____ NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18F0305

Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 2.9

Time: 1517

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D0025685

Cooler Accepted by: Sef Date: 6/20/18 Time: 1517

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES NO

Were all bottles sealed in individual plastic bags? YES NO

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)... NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI NA _____

Was Sample Split by ARI : NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: Sef Date: 6/20/18 Time: 1536

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions: Labels are smeared away

By: Sef Date: 6/20/18

Small Air Bubbles < 2mm	Peabubbles 2-4 mm	LARGE Air Bubbles > 4 mm
• • •	• • •	● ● ●

Small → "sm" (< 2 mm)

Peabubbles → "pb" (2 to < 4 mm)

Large → "lg" (4 to < 6 mm)

Headspace → "hs" (> 6 mm)

Incorporated
Analytical Chemists and
Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18F0305

Cooler#: _____ Temperature(°C): 27.9

Sample ID	Bottle Count	Bottle Type
Samples received above 6°		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: SeC Date 6/20/18 Time: 1517

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2018 16:04

SO-TC-26A-062018

18F0305-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/20/2018 11:15

Instrument: ICP2 — Analyzed: 22-Jun-2018 14:32

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGF0555 — Sample Size: 25 mL (wet)
Prepared: 22-Jun-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0844**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2018 16:04

SO-TC-26A-062018

18F0305-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/20/2018 11:15

Instrument: Accumet AR60 — Analyzed: 22-Jun-2018 09:23

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0549 — Sample Size: 20.05 g (wet)
Prepared: 22-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.81**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2018 16:04

SO-TC-26B-062018

18F0305-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/20/2018 11:25

Instrument: ICP2 — Analyzed: 22-Jun-2018 14:23

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGF0555 — Sample Size: 25 mL (wet)
Prepared: 22-Jun-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0543**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2018 16:04

SO-TC-26B-062018

18F0305-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/20/2018 11:25

Instrument: Accumet AR60 — Analyzed: 22-Jun-2018 09:23

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0549 — Sample Size: 20.06 g (wet)
Prepared: 22-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.76**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2018 16:04

SO-TC-26C-062018

18F0305-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/20/2018 11:35

Instrument: ICP2 — Analyzed: 22-Jun-2018 14:28

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGF0555 — Sample Size: 25 mL (wet)
Prepared: 22-Jun-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0411**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2018 16:04

SO-TC-26C-062018

18F0305-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/20/2018 11:35

Instrument: Accumet AR60 — Analyzed: 22-Jun-2018 09:23

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGF0549 — Sample Size: 20.05 g (wet)
Prepared: 22-Jun-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.73**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
25-Jun-2018 16:04

TCLP Metals and Metallic Compounds - Quality Control

Batch BGF0555 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: EL

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGF0555-BLK1)				Prepared: 22-Jun-2018 Analyzed: 22-Jun-2018 14:19							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGF0555-DUP1)		**Source: 18F0305-01**		Prepared: 22-Jun-2018 Analyzed: 22-Jun-2018 14:36							
Arsenic	0.0649	0.0140	0.250	mg/L		0.0844			26.10	20	L, J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BGF0555-MS1)		**Source: 18F0305-01**		Prepared: 22-Jun-2018 Analyzed: 22-Jun-2018 14:40							
Arsenic	4.43	0.0140	0.250	mg/L	4.00	0.0844	109	75-125			
Lead	4.10	0.0065	0.100	mg/L	4.00	ND	102	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2018 16:04

Wet Chemistry - Quality Control

Batch BGF0549 - EPA 9045D

Instrument: Accumet AR60 Analyst: K

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGF0549-BS1)				Prepared: 22-Jun-2018 Analyzed: 22-Jun-2018 09:23							
pH	7.02	0.01	0.01	pH Units	7.00		100	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2018 16:04

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2018
WA-DW	Ecology - Drinking Water	C558	06/30/2018

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	25-Jun-2018 16:04

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

06 July 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18F0382	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.07.06 15:53:20 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

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nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18-03957	Turn-around Requested: 5 Day	Date: 6/26/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 24.3°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 AS/Pb Only	Analysis Requested: PH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-27A-062618	06/26/18	09:35	Soil	1	✔	✔							
SO-TC-27B-062618	06/26/18	09:45	Soil	1	✔	✔							
SO-TC-27C-062618	06/26/18	09:55	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Waite	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/26/18 15:01	Date & Time: 06/26/18 1501	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2018 15:46

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-27A-062618	18F0382-01	Solid	26-Jun-2018 09:35	26-Jun-2018 15:01
SO-TC-27B-062618	18F0382-02	Solid	26-Jun-2018 09:45	26-Jun-2018 15:01
SO-TC-27C-062618	18F0382-03	Solid	26-Jun-2018 09:55	26-Jun-2018 15:01

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2018 15:46

Case Narrative

Sample receipt

Samples as listed on the preceding page were received June 26, 2018 under ARI work order 18F0382. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

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Cooler Receipt Form

ARI Client: PERC Project Name: _____

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 166-0382 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 24.3C

Time: 1501

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00570b

Cooler Accepted by: JBW Date: 06/26/18 Time: 1501

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES (NO)

Were all bottles sealed in individual plastic bags? YES (NO)

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? YES (NO)

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)... (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI... (NA) _____

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: SCF Date: 06/26/18 Time: 1520

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions: INK Smeared away on labels

By: SCF Date: 06/26/18

Small Air Bubbles ~2mm	Peabubbles 2-4 mm	LARGE Air Bubbles > 4 mm
• • •	• • •	● ● ●

Small → "sm" (< 2 mm)

Peabubbles → "pb" (2 to < 4 mm)

Large → "lg" (4 to < 6 mm)

Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
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Cooler Temperature Compliance Form

ARI Work Order: 18F0382

Cooler#: _____ **Temperature(°C):** 24.3°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: SBw Date: 06/26/18 Time: 1501

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2018 15:46

SO-TC-27A-062618

18F0382-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/26/2018 09:35

Instrument: ICP2 — Analyzed: 03-Jul-2018 15:23

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0041 — Sample Size: 25 mL (wet)
Prepared: 03-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0779**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2018 15:46

SO-TC-27A-062618

18F0382-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/26/2018 09:35

Instrument: DX2100 — Analyzed: 05-Jul-2018 14:27

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGG0097 — Sample Size: 20 g (wet)
Prepared: 05-Jul-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.64**	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2018 15:46

SO-TC-27B-062618

18F0382-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/26/2018 09:45

Instrument: ICP2 — Analyzed: 03-Jul-2018 15:02

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0041 — Sample Size: 25 mL (wet)
Prepared: 03-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0610**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2018 15:46

SO-TC-27B-062618

18F0382-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/26/2018 09:45

Instrument: DX2100 — Analyzed: 05-Jul-2018 14:27

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGG0097 — Sample Size: 20 g (wet)
Prepared: 05-Jul-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.68**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2018 15:46

SO-TC-27C-062618

18F0382-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/26/2018 09:55

Instrument: ICP2 — Analyzed: 03-Jul-2018 15:06

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0041 — Sample Size: 25 mL (wet)
Prepared: 03-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0619**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2018 15:46

SO-TC-27C-062618

18F0382-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/26/2018 09:55

Instrument: DX2100 — Analyzed: 05-Jul-2018 14:27

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGG0097 — Sample Size: 20 g (wet)
Prepared: 05-Jul-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.68**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2018 15:46

TCLP Metals and Metallic Compounds - Quality Control

Batch BGG0041 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGG0041-BLK1)				Prepared: 03-Jul-2018 Analyzed: 03-Jul-2018 14:53							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGG0041-DUP1)		**Source: 18F0382-01**		Prepared: 03-Jul-2018 Analyzed: 03-Jul-2018 15:28							
Arsenic	0.0879	0.0140	0.250	mg/L		0.0779			12.10	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BGG0041-MS1)		**Source: 18F0382-01**		Prepared: 03-Jul-2018 Analyzed: 03-Jul-2018 15:32							
Arsenic	4.38	0.0140	0.250	mg/L	4.00	0.0779	108	75-125			
Lead	4.06	0.0065	0.100	mg/L	4.00	ND	101	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2018 15:46

Wet Chemistry - Quality Control

Batch BGG0097 - EPA 9045D

Instrument: DX2100 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGG0097-BS1)				Prepared: 05-Jul-2018 Analyzed: 05-Jul-2018 14:27							
pH	7.00	0.01	0.01	pH Units	7.00		100	0-200			
Duplicate (BGG0097-DUP1)		**Source: 18F0382-01**		Prepared: 05-Jul-2018 Analyzed: 05-Jul-2018 14:27							
pH	9.69	0.01	0.01	pH Units		9.64			0.52	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2018 15:46

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2018
WA-DW	Ecology - Drinking Water	C558	06/30/2018

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	06-Jul-2018 15:46

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

06 July 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18F0400	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.07.06 15:53:46 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18F0400	Turn-around Requested: 5 Day	Date: 6/27/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 AS/PB Only	Analysis Requested: PH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-28A-062718	06/27/18	09:27	Soil	1	✔	✔							
SO-TC-28B-062718	06/27/18	09:36	Soil	1	✔	✔							
SO-TC-28C-062718	06/27/18	09:47	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Brandon Fisk	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/27/18 3:38PM	Date & Time: 6/27/18 15:38	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2018 15:50

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-28A-062718	18F0400-01	Solid	27-Jun-2018 09:27	27-Jun-2018 15:38
SO-TC-28B-062718	18F0400-02	Solid	27-Jun-2018 09:36	27-Jun-2018 15:38
SO-TC-28C-062718	18F0400-03	Solid	27-Jun-2018 09:47	27-Jun-2018 15:38

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2018 15:50

Case Narrative

Sample receipt

Samples as listed on the preceding page were received June 26, 2018 under ARI work order 18F0382. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18F0400 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES (NO)

Were custody papers included with the cooler? ..... (YES) NO

Were custody papers properly filled out (ink, signed, etc.) ..... (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 24.3

Time: 1528

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: P0025605

Cooler Accepted by: BF Date: 6/27/18 Time: 1538

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? ..... YES (NO)

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? ..... NA YES (NO)

Were all bottles sealed in individual plastic bags? ..... YES (NO)

Did all bottles arrive in good condition (unbroken)? ..... (YES) NO

Were all bottle labels complete and legible? ..... YES (NO)

Did the number of containers listed on COC match with the number of containers received? ..... (YES) NO

Did all bottle labels and tags agree with custody papers? ..... YES (NO)

Were all bottles used correct for the requested analyses? ..... (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)... (NA) YES NO

Were all VOC vials free of air bubbles? ..... (NA) YES NO

Was sufficient amount of sample sent in each bottle? ..... (YES) NO

Date VOC Trip Blank was made at ARI..... (NA) _____

Was Sample Split by ARI : (NA) YES Date/Time:_____ Equipment:_____ Split by:_____

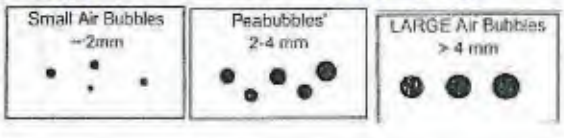
Samples Logged by: SEF Date: 6/27/18 Time: 1552

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions: labels are illegible. INK IS Smeared away.

By: SEF Date: 6/27/18



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

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Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 1806400

Cooler#: _____ **Temperature(°C):** 24.3

Sample ID	Bottle Count	Bottle Type
samples received above	6°C	

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: BF **Date:** 6/27/18 **Time:** 1535

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2018 15:50

SO-TC-28A-062718

18F0400-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/27/2018 09:27

Instrument: ICP2 — Analyzed: 03-Jul-2018 15:11

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0041 — Sample Size: 25 mL (wet)
Prepared: 03-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0645**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2018 15:50

SO-TC-28A-062718

18F0400-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/27/2018 09:27

Instrument: DX2100 — Analyzed: 05-Jul-2018 14:27

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGG0097 — Sample Size: 20 g (wet)
Prepared: 05-Jul-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.67**	pH Units	

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Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2018 15:50

SO-TC-28B-062718

18F0400-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/27/2018 09:36

Instrument: ICP2 — Analyzed: 03-Jul-2018 15:15

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0041 — Sample Size: 25 mL (wet)
Prepared: 03-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0932**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2018 15:50

SO-TC-28B-062718

18F0400-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/27/2018 09:36

Instrument: DX2100 — Analyzed: 05-Jul-2018 14:27

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGG0097 — Sample Size: 20 g (wet)
Prepared: 05-Jul-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.64**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2018 15:50

SO-TC-28C-062718

18F0400-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/27/2018 09:47

Instrument: ICP2 — Analyzed: 03-Jul-2018 15:19

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0041 — Sample Size: 25 mL (wet)
Prepared: 03-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0665**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2018 15:50

SO-TC-28C-062718

18F0400-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/27/2018 09:47

Instrument: DX2100 — Analyzed: 05-Jul-2018 14:27

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGG0097 — Sample Size: 20 g (wet)
Prepared: 05-Jul-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.86**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
06-Jul-2018 15:50

TCLP Metals and Metallic Compounds - Quality Control

Batch BGG0041 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGG0041-BLK1)	Prepared: 03-Jul-2018 Analyzed: 03-Jul-2018 14:53										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2018 15:50

Wet Chemistry - Quality Control

Batch BGG0097 - EPA 9045D

Instrument: DX2100 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGG0097-BS1)				Prepared: 05-Jul-2018 Analyzed: 05-Jul-2018 14:27							
pH	7.00	0.01	0.01	pH Units	7.00		100	0-200			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2018 15:50

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2018
WA-DW	Ecology - Drinking Water	C558	06/30/2018

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	06-Jul-2018 15:50

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

09 July 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18G0023	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.07.09 13:34:07 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 1860023	Turn-around Requested: 3 Day	Date: 7/2/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 AS/Pb Only	Analysis Requested: PH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-29A-070218	07/02/18	15:10	Soil	1	✔	✔							
SO-TC-29B-070218	07/02/18	15:20	Soil	1	✔	✔							
SO-TC-29C-070218	07/02/18	15:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Stephanie Fish	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/2/18 16:26	Date & Time: 7/2/18 1626	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2018 13:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-29A-070218	18G0023-01	Solid	02-Jul-2018 15:10	02-Jul-2018 16:26
SO-TC-29B-070218	18G0023-02	Solid	02-Jul-2018 15:20	02-Jul-2018 16:26
SO-TC-29C-070218	18G0023-03	Solid	02-Jul-2018 15:30	02-Jul-2018 16:26

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2018 13:29

Case Narrative

Sample receipt

The samples as listed on the preceding page was received July 2, 2018 under ARI work order 18G0023 For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry- pH

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Perc Project Name: _____

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 1860023 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES NO

Were custody papers included with the cooler? ..... YES NO

Were custody papers properly filled out (ink, signed, etc.) ..... YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 25.6

Time: _____

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 00025651

Cooler Accepted by: Set Date: 7/2/18 Time: 1626

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? ..... YES NO

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? ..... NA YES NO

Were all bottles sealed in individual plastic bags? ..... YES NO

Did all bottles arrive in good condition (unbroken)? ..... YES NO

Were all bottle labels complete and legible? ..... YES NO

Did the number of containers listed on COC match with the number of containers received? ..... YES NO

Did all bottle labels and tags agree with custody papers? ..... YES NO

Were all bottles used correct for the requested analyses? ..... YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)... NA YES NO

Were all VOC vials free of air bubbles? ..... NA YES NO

Was sufficient amount of sample sent in each bottle? ..... YES NO

Date VOC Trip Blank was made at ARI ..... NA _____

Was Sample Split by ARI : NA YES Date/Time: _____ Equipment: _____ Split by: _____

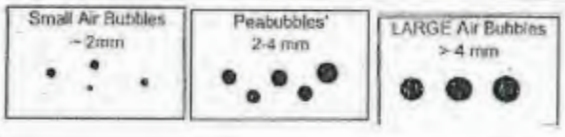
Samples Logged by: Set Date: 7/2/18 Time: 1650

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

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Cooler Temperature Compliance Form

ARI Work Order: 1860023

Cooler#: _____ Temperature(°C): 25.6

Sample ID	Bottle Count	Bottle Type
Samples received above 6°		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: SEF Date: 7/2/18 Time: 1626

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2018 13:29

SO-TC-29A-070218

18G0023-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/02/2018 15:10

Instrument: ICP2 — Analyzed: 06-Jul-2018 16:17

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0110 — Sample Size: 25 mL (wet)
Prepared: 06-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**1.48**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2018 13:29

SO-TC-29A-070218

18G0023-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/02/2018 15:10

Instrument: DX2100 — Analyzed: 05-Jul-2018 14:27

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGG0097 — Sample Size: 20 g (wet)
Prepared: 05-Jul-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**10.3**	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2018 13:29

SO-TC-29B-070218

18G0023-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/02/2018 15:20

Instrument: ICP2 — Analyzed: 06-Jul-2018 16:21

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0110 — Sample Size: 25 mL (wet)
Prepared: 06-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.733**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2018 13:29

SO-TC-29B-070218

18G0023-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/02/2018 15:20

Instrument: DX2100 — Analyzed: 05-Jul-2018 14:27

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGG0097 — Sample Size: 20 g (wet)
Prepared: 05-Jul-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**10.2**	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2018 13:29

SO-TC-29C-070218

18G0023-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/02/2018 15:30

Instrument: ICP2 — Analyzed: 06-Jul-2018 16:25

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0110 — Sample Size: 25 mL (wet)
Prepared: 06-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**1.12**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2018 13:29

SO-TC-29C-070218

18G0023-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/02/2018 15:30

Instrument: DX2100 — Analyzed: 05-Jul-2018 14:27

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGG0097 — Sample Size: 20 g (wet)
Prepared: 05-Jul-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**10.4**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
09-Jul-2018 13:29

TCLP Metals and Metallic Compounds - Quality Control

Batch BGG0110 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGG0110-BLK1)	Prepared: 06-Jul-2018 Analyzed: 06-Jul-2018 16:08										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0101	0.0065	0.100	mg/L							J

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
09-Jul-2018 13:29

Wet Chemistry - Quality Control

Batch BGG0097 - EPA 9045D

Instrument: DX2100 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGG0097-BS1)				Prepared: 05-Jul-2018 Analyzed: 05-Jul-2018 14:27							
pH	7.00	0.01	0.01	pH Units	7.00		100	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2018 13:29

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2018
WA-DW	Ecology - Drinking Water	C558	06/30/2018

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	09-Jul-2018 13:29

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

09 July 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18G0022	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.07.09 13:33:43 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 1860022	Turn-around Requested: 3 Day	Date: 7/2/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 AS/Pb Only	Analysis Requested: PH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-30A-070218	07/02/18	13:50	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Stephanie Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/2/18 16:26	Date & Time: 7/2/18 1626	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2018 13:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-30A-070218	18G0022-01	Solid	02-Jul-2018 13:50	02-Jul-2018 16:26

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2018 13:27

Case Narrative

Sample receipt

One sample as listed on the preceding page was received July 2, 2018 under ARI work order 18G0022 For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry- pH

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

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Cooler Receipt Form

ARI Client: PSSC Project Name: _____

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 1860022 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 25.6
Time: _____

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 7007565

Cooler Accepted by: Set Date: 7/2/18 Time: 1626

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	YES	NO
Were all bottles sealed in individual plastic bags?		YES	NO
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA	_____	

Was Sample Split by ARI : NA YES Date/Time: _____ Equipment: _____ Split by: _____

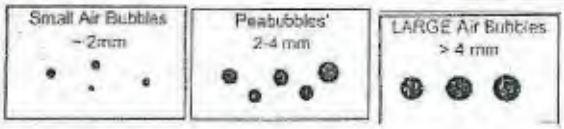
Samples Logged by: Set Date: 7/2/18 Time: 1647

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Incorporated
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Consultants

Cooler Temperature Compliance Form

ARI Work Order: 1606022

Cooler#: _____ Temperature(°C): 2.5.6

Sample ID	Bottle Count	Bottle Type
Samples received above 6°		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: SF Date: 7/2/16 Time: 1626

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2018 13:27

SO-TC-30A-070218

18G0022-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/02/2018 13:50

Instrument: ICP2 — Analyzed: 06-Jul-2018 16:12

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0110 — Sample Size: 25 mL (wet)
Prepared: 06-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.143**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0077**	mg/L	J

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Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2018 13:27

SO-TC-30A-070218

18G0022-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/02/2018 13:50

Instrument: DX2100 — Analyzed: 05-Jul-2018 14:27

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGG0097 — Sample Size: 20 g (wet)
Prepared: 05-Jul-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**7.58**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2018 13:27

TCLP Metals and Metallic Compounds - Quality Control

Batch BGG0110 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGG0110-BLK1)					Prepared: 06-Jul-2018 Analyzed: 06-Jul-2018 16:08						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0101	0.0065	0.100	mg/L							J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
09-Jul-2018 13:27

Wet Chemistry - Quality Control

Batch BGG0097 - EPA 9045D

Instrument: DX2100 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGG0097-BS1)				Prepared: 05-Jul-2018 Analyzed: 05-Jul-2018 14:27							
pH	7.00	0.01	0.01	pH Units	7.00		100	0-200			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2018 13:27

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2018
WA-DW	Ecology - Drinking Water	C558	06/30/2018

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	09-Jul-2018 13:27

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

16 July 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18G0095	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.07.16 16:36:33 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 1800095	Turn-around Requested: 3 Day	Date: 7/10/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 AS/Pb Only	Analysis Requested: PH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-31A-071018	07/10/18	08:25	Soil	1	✔	✔							
SO-TC-31B-071018	07/10/18	08:35	Soil	1	✔	✔							
SO-TC-31C-071018	07/10/18	08:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	7/10/18 11:15		Jasmine Bowman	ARI	7/10/18 1115								

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2018 16:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-31A-071018	18G0095-01	Solid	10-Jul-2018 08:25	10-Jul-2018 11:15
SO-TC-31B-071018	18G0095-02	Solid	10-Jul-2018 08:35	10-Jul-2018 11:15
SO-TC-31C-071018	18G0095-03	Solid	10-Jul-2018 08:45	10-Jul-2018 11:15

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2018 16:27

Case Narrative

Sample receipt

Samples as listed on the preceding page were received July 10, 2018 under ARI work order 18G0095. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The Duplicate RPD were within control limits.

The MS percent recoveries were outside advisory limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC | Project Name: Superior Plastics

COC No(s): _____ NA | Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other: _____

Assigned ARI Job No: 1661095 | Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 22.4°C

Time: _____

If cooler temperature is out of compliance fill out form 00070F | Temp Gun ID#: DOO 2565

Cooler Accepted by: JB Date: 7/20/18 Time: 1115

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? (NA) YES NO

Were all bottles sealed in individual plastic bags? YES (NO)

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)... (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA) _____

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JF Date: 7/10/18 Time: 1235

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 1806095

Cooler#: NA Temperature(°C): 22.4°C

Sample ID	Bottle Count	Bottle Type
Samples not received on cooler, out of temp.		

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: JB Date: 7/10/18 Time: 1115

Analytical Resources, Incorporated
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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2018 16:27

SO-TC-31A-071018

18G0095-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/10/2018 08:25

Instrument: ICP2 — Analyzed: 12-Jul-2018 17:23

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0266 — Sample Size: 25 mL (wet)
Prepared: 12-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.219**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2018 16:27

SO-TC-31A-071018

18G0095-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/10/2018 08:25

Instrument: Accumet AR60 — Analyzed: 12-Jul-2018 17:24

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGG0286 — Sample Size: 20 g (wet)
Prepared: 12-Jul-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.68**	pH Units	

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Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2018 16:27

SO-TC-31B-071018

18G0095-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/10/2018 08:35

Instrument: ICP2 — Analyzed: 12-Jul-2018 17:14

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0266 — Sample Size: 25 mL (wet)
Prepared: 12-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**4.38**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**4.02**	mg/L	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2018 16:27

SO-TC-31B-071018

18G0095-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/10/2018 08:35

Instrument: Accumet AR60 — Analyzed: 12-Jul-2018 17:24

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGG0286 — Sample Size: 20 g (wet)
Prepared: 12-Jul-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.69**	pH Units	

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Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2018 16:27

SO-TC-31C-071018

18G0095-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/10/2018 08:45

Instrument: ICP2 — Analyzed: 12-Jul-2018 17:19

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0266 — Sample Size: 25 mL (wet)
Prepared: 12-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.141**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2018 16:27

SO-TC-31C-071018

18G0095-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/10/2018 08:45

Instrument: Accumet AR60 — Analyzed: 12-Jul-2018 17:24

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGG0286 — Sample Size: 20 g (wet)
Prepared: 12-Jul-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.74**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2018 16:27

TCLP Metals and Metallic Compounds - Quality Control

Batch BGG0266 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGG0266-BLK1)					Prepared: 12-Jul-2018 Analyzed: 12-Jul-2018 17:00						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGG0266-DUP1)		**Source: 18G0095-01**			Prepared: 12-Jul-2018 Analyzed: 12-Jul-2018 17:27						
Arsenic	0.163	0.0140	0.250	mg/L		0.219			29.70	20	L, J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BGG0266-MS1)		**Source: 18G0095-01**			Prepared: 12-Jul-2018 Analyzed: 12-Jul-2018 17:31						
Arsenic	0.147	0.0140	0.250	mg/L	4.00	0.219	NR	75-125			*, J
Lead	ND	0.0065	0.100	mg/L	4.00	ND		75-125			*, U

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2018 16:27

Wet Chemistry - Quality Control

Batch BGG0286 - EPA 9045D

Instrument: Accumet AR60 Analyst: V

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGG0286-BS1)				Prepared: 12-Jul-2018 Analyzed: 12-Jul-2018 17:24							
pH	6.96	0.01	0.01	pH Units	7.00		99.4	0-200			
Duplicate (BGG0286-DUP1)		**Source: 18G0095-01**		Prepared: 12-Jul-2018 Analyzed: 12-Jul-2018 17:24							
pH	9.74	0.01	0.01	pH Units		9.68			0.62	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2018 16:27

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	16-Jul-2018 16:27

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

16 July 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18G0118	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.07.16 16:37:14 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 196011	Turn-around Requested: 2 Day	Date: 7/11/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 27.6
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	PH 9045C	Analysis Requested						Notes/Comments
SO-TC-32A-071118	07/11/18	14:25	Soil	1	✔	✔							
SO-TC-32B-071118	07/11/18	14:35	Soil	1	✔	✔							
SO-TC-32C-071118	07/11/18	14:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: ~~JEFF~~ KING	Printed Name: Stephanie Fisher	Printed Name:	Printed Name:
	Company: PERC 7/11/18 1603	Company: ARI	Company:	Company:
	Date & Time: 7/11/18 16:03	Date & Time: 7/11/18 1603	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2018 16:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-32A-071118	18G0118-01	Solid	11-Jul-2018 14:25	11-Jul-2018 16:03
SO-TC-32B-071118	18G0118-02	Solid	11-Jul-2018 14:35	11-Jul-2018 16:03
SO-TC-32C-071118	18G0118-03	Solid	11-Jul-2018 14:45	11-Jul-2018 16:03

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2018 16:30

Case Narrative

Sample receipt

Samples as listed on the preceding page we received July 11, 2018 under ARI work order 18G0118. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Perc
Project Name: Superlon
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 186OWE
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry): 27.6
Time: 1603
If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: D0025605

Cooler Accepted by: Sef Date: 7-11-18 Time: 1603

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI : (NA) YES Date/Time: Equipment: Split by:

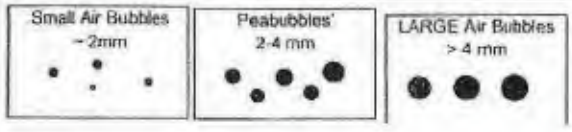
Samples Logged by: Sef Date: 7-11-18 Time: 1635

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 1806048

Cooler#: _____ **Temperature(°C):** 2.7,6

Sample ID	Bottle Count	Bottle Type
Samples received on ice @ 6°		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: Sef **Date:** 7-11-18 **Time:** 1603

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2018 16:30

SO-TC-32A-071118

18G0118-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/11/2018 14:25

Instrument: ICP2 — Analyzed: 13-Jul-2018 15:40

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0304 — Sample Size: 25 mL (wet)
Prepared: 13-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0325**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2018 16:30

SO-TC-32A-071118

18G0118-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/11/2018 14:25

Instrument: Accumet AR60 — Analyzed: 12-Jul-2018 17:24

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGG0286 — Sample Size: 20 g (wet)
Prepared: 12-Jul-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.58**	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2018 16:30

SO-TC-32B-071118

18G0118-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/11/2018 14:35

Instrument: ICP2 — Analyzed: 13-Jul-2018 17:44

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0304 — Sample Size: 25 mL (wet)
Prepared: 13-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0494**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2018 16:30

SO-TC-32B-071118

18G0118-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/11/2018 14:35

Instrument: Accumet AR60 — Analyzed: 12-Jul-2018 17:24

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGG0286 — Sample Size: 20 g (wet)
Prepared: 12-Jul-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.63**	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2018 16:30

SO-TC-32C-071118

18G0118-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/11/2018 14:45

Instrument: ICP2 — Analyzed: 13-Jul-2018 15:36

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0304 — Sample Size: 25 mL (wet)
Prepared: 13-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0388**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2018 16:30

SO-TC-32C-071118

18G0118-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/11/2018 14:45

Instrument: Accumet AR60 — Analyzed: 12-Jul-2018 17:24

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGG0286 — Sample Size: 20 g (wet)
Prepared: 12-Jul-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.70**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2018 16:30

TCLP Metals and Metallic Compounds - Quality Control

Batch BGG0304 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGG0304-BLK1)				Prepared: 13-Jul-2018 Analyzed: 13-Jul-2018 15:27							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGG0304-DUP1)		**Source: 18G0118-01**		Prepared: 13-Jul-2018 Analyzed: 13-Jul-2018 15:44							
Arsenic	0.0353	0.0140	0.250	mg/L		0.0325			8.03	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BGG0304-MS1)		**Source: 18G0118-01**		Prepared: 13-Jul-2018 Analyzed: 13-Jul-2018 15:48							
Arsenic	4.42	0.0140	0.250	mg/L	4.00	0.0325	110	75-125			
Lead	4.17	0.0065	0.100	mg/L	4.00	ND	104	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2018 16:30

Wet Chemistry - Quality Control

Batch BGG0286 - EPA 9045D

Instrument: Accumet AR60 Analyst: V

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGG0286-BS1)				Prepared: 12-Jul-2018 Analyzed: 12-Jul-2018 17:24							
pH	6.96	0.01	0.01	pH Units	7.00		99.4	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2018 16:30

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	16-Jul-2018 16:30

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

24 July 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18G0210	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.07.24 15:33:33 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 180240	Turn-around Requested: 3 Day	Date: 7/18/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 28.1
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

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Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	PH 9045C	Analysis Requested						Notes/Comments
SO-TC-34A-071718	07/17/18	15:30	Soil	1	✔	✔							
SO-TC-34B-071718	07/17/18	15:40	Soil	1	✔	✔							
SO-TC-34C-071718	07/17/18	15:50	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Stephanie Finn	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/18/18 16:56	Date & Time: 7-18-18 1656	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Jul-2018 15:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-34A-071718	18G0210-01	Solid	17-Jul-2018 15:30	18-Jul-2018 16:56
SO-TC-34B-071718	18G0210-02	Solid	17-Jul-2018 15:40	18-Jul-2018 16:56
SO-TC-34C-071718	18G0210-03	Solid	17-Jul-2018 15:50	18-Jul-2018 16:56

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Jul-2018 15:25

Case Narrative

Sample receipt

Samples as listed on the preceding page were received July 18, 2018 under ARI work order 18G0210. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
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Cooler Receipt Form

ARI Client: Perc

COC No(s): _____ (NA)

Assigned ARI Job No: 1660210

Project Name: _____

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 2.3.1

Time: 1655

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D0325EC

Cooler Accepted by: Set Date: 7-18-16 Time: 1656

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES (NO)

Were all bottles sealed in individual plastic bags? YES (NO)

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)... (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI... (NA) _____

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

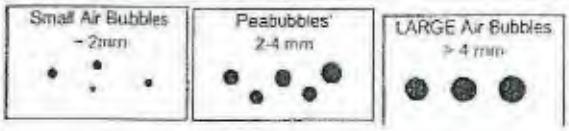
Samples Logged by: Set Date: 7-18-16 Time: 1758

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
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Cooler Temperature Compliance Form

ARI Work Order: 1806210

Cooler#: 1 Temperature(°C): 28.1

Sample ID	Bottle Count	Bottle Type
Samples received above 6°		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: [signature] Date: 7-18-18 Time: 1656

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Jul-2018 15:25

SO-TC-34A-071718

18G0210-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/17/2018 15:30

Instrument: ICP2 — Analyzed: 23-Jul-2018 14:03

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0476 — Sample Size: 25 mL (wet)
Prepared: 20-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0410**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Jul-2018 15:25

SO-TC-34A-071718

18G0210-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/17/2018 15:30

Instrument: Accumet AR60 — Analyzed: 20-Jul-2018 09:29

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGG0470 — Sample Size: 20.03 g (wet)
Prepared: 20-Jul-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.62**	pH Units	

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Jul-2018 15:25

SO-TC-34B-071718

18G0210-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/17/2018 15:40

Instrument: ICP2 — Analyzed: 23-Jul-2018 14:07

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0476 — Sample Size: 25 mL (wet)
Prepared: 20-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0335**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Jul-2018 15:25

SO-TC-34B-071718

18G0210-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/17/2018 15:40

Instrument: Accumet AR60 — Analyzed: 20-Jul-2018 09:29

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGG0470 — Sample Size: 20.05 g (wet)
Prepared: 20-Jul-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.65**	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Jul-2018 15:25

SO-TC-34C-071718

18G0210-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/17/2018 15:50

Instrument: ICP2 — Analyzed: 23-Jul-2018 14:11

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0476 — Sample Size: 25 mL (wet)
Prepared: 20-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0634**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Jul-2018 15:25

SO-TC-34C-071718

18G0210-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/17/2018 15:50

Instrument: Accumet AR60 — Analyzed: 20-Jul-2018 09:29

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGG0470 — Sample Size: 20.09 g (wet)
Prepared: 20-Jul-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.64**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Jul-2018 15:25

TCLP Metals and Metallic Compounds - Quality Control

Batch BGG0476 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGG0476-BLK1)	Prepared: 20-Jul-2018 Analyzed: 23-Jul-2018 13:58										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Jul-2018 15:25

Wet Chemistry - Quality Control

Batch BGG0470 - EPA 9045D

Instrument: Accumet AR60 Analyst: K

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGG0470-BS1)				Prepared: 20-Jul-2018 Analyzed: 20-Jul-2018 09:29							
pH	7.01	0.01	0.01	pH Units	7.00		100	0-200			
Duplicate (BGG0470-DUP1)		**Source: 18G0210-01**		Prepared: 20-Jul-2018 Analyzed: 20-Jul-2018 09:29							
pH	9.64	0.01	0.01	pH Units		9.62			0.21	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Jul-2018 15:25

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2018
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	24-Jul-2018 15:25

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

27 July 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18G0260	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.07.27 11:15:47 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18G0260	Turn-around Requested: 3 Day	Date: 7/23/18	
ARI Client Company: PERC	Phone: 425-346-0921	Page: 1 of 1	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 25.6°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 AS/Pb Only	Analysis Requested: PH 9045C	Notes/Comments
SO-TC-35A-072318	07/23/18	13:35	Soil	1	✔	✔	
SO-TC-35B-072318	07/23/18	13:45	Soil	1	✔	✔	
SO-TC-35C-072318	07/23/18	13:55	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Haltc	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/23/18 16:44	Date & Time: 07/23/18 1647	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2018 11:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-35A-072318	18G0260-01	Solid	23-Jul-2018 13:35	23-Jul-2018 16:44
SO-TC-35B-072318	18G0260-02	Solid	23-Jul-2018 13:45	23-Jul-2018 16:44
SO-TC-35C-072318	18G0260-03	Solid	23-Jul-2018 13:55	23-Jul-2018 16:44

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2018 11:12

Case Narrative

Sample receipt

Samples as listed on the preceding page were received July 23, 2018 under ARI work order 18G0260. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

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Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC — Project Name: _____

COC No(s): _____ NA — Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18G0260 — Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry): 35.6°C
Time: 1644

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: 90052006

Cooler Accepted by: JBw — Date: 07/23/18 — Time: 1644

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? … Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	YES	NO
Were all bottles sealed in individual plastic bags?		YES	NO
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)…	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI.	NA		_____

Was Sample Split by ARI : NA YES Date/Time: _____ Equipment: _____ Split by: _____

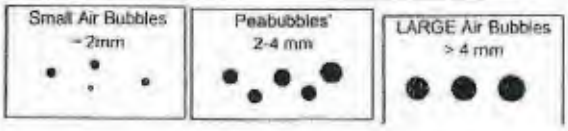
Samples Logged by: JBw — Date: 07/23/18 — Time: 1652

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

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Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18G0260

Cooler#: _____ **Temperature(°C):** 3.5, 6°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JBm Date: 07/23/18 Time: 1644

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2018 11:12

SO-TC-35A-072318

18G0260-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/23/2018 13:35

Instrument: ICP2 — Analyzed: 26-Jul-2018 14:50

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0639 — Sample Size: 25 mL (wet)
Prepared: 26-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.381**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2018 11:12

SO-TC-35A-072318

18G0260-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/23/2018 13:35

Instrument: Orion115 — Analyzed: 26-Jul-2018 15:16

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGG0585 — Sample Size: 20 g (wet)
Prepared: 25-Jul-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**10.1**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2018 11:12

SO-TC-35B-072318

18G0260-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/23/2018 13:45

Instrument: ICP2 — Analyzed: 26-Jul-2018 14:28

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0639 — Sample Size: 25 mL (wet)
Prepared: 26-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.353**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2018 11:12

SO-TC-35B-072318

18G0260-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/23/2018 13:45

Instrument: Orion115 — Analyzed: 26-Jul-2018 15:16

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGG0585 — Sample Size: 20 g (wet)
Prepared: 25-Jul-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**10.5**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2018 11:12

SO-TC-35C-072318

18G0260-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/23/2018 13:55

Instrument: ICP2 — Analyzed: 26-Jul-2018 14:33

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0639 — Sample Size: 25 mL (wet)
Prepared: 26-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**1.28**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2018 11:12

SO-TC-35C-072318

18G0260-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/23/2018 13:55

Instrument: Orion115 — Analyzed: 26-Jul-2018 15:16

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGG0585 — Sample Size: 20 g (wet)
Prepared: 25-Jul-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**11.7**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
27-Jul-2018 11:12

TCLP Metals and Metallic Compounds - Quality Control

Batch BGG0639 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGG0639-BLK1)				Prepared: 26-Jul-2018 Analyzed: 26-Jul-2018 14:24							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGG0639-DUP1)		**Source: 18G0260-03**		Prepared: 26-Jul-2018 Analyzed: 26-Jul-2018 14:46							
Arsenic	1.30	0.0140	0.250	mg/L		1.28			1.48	20	
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BGG0639-MS1)		**Source: 18G0260-03**		Prepared: 26-Jul-2018 Analyzed: 26-Jul-2018 14:55							
Arsenic	5.54	0.0140	0.250	mg/L	4.00	1.28	106	75-125			
Lead	3.96	0.0065	0.100	mg/L	4.00	ND	99.1	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2018 11:12

Wet Chemistry - Quality Control

Batch BGG0585 - EPA 9045D

Instrument: Orion115 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGG0585-BS1)				Prepared: 25-Jul-2018 Analyzed: 26-Jul-2018 15:16							
pH	7.00	0.01	0.01	pH Units	7.00		100	0-200			
Duplicate (BGG0585-DUP1)		**Source: 18G0260-01**		Prepared: 25-Jul-2018 Analyzed: 26-Jul-2018 15:16							
pH	10.1	0.01	0.01	pH Units		10.1			0.20	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2018 11:12

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2018 11:12

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

31 July 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18G0275	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.07.31 11:44:52 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18G0275	Turn-around Requested: 3 Day				Date: 7/25/2018									
ARI Client Company: PERC	Phone: 425-346-0921				Page: of									
Client Contact: Kenny King					No. of Coolers: Cooler Temps:									
Client Project Name: Superlon Plastics					Analysis Requested									Notes/Comments
Client Project #: SLON	Samplers: King				TCLP 1311 As/Pb Only	PH 9045C								
Sample ID	Date	Time	Matrix	No. Containers										
SO-TC-36A-072518	07/25/18	08:10	Soil	1	✔	✔								
Comments/Special Instructions	Relinquished by: (Signature)		Received by: (Signature)		Relinquished by: (Signature)		Received by: (Signature)							
	Printed Name: JEFF KING		Printed Name: Jasmine Bowman		Printed Name:		Printed Name:							
	Company: PERC		Company: ARI		Company:		Company:							
	Date & Time: 7/25/18 ~~1557~~ 10:40		Date & Time: 7/25/18 1040		Date & Time:		Date & Time:							

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-Jul-2018 11:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-36A-072518	18G0275-01	Solid	25-Jul-2018 08:10	25-Jul-2018 10:40

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-Jul-2018 11:41

Case Narrative

Sample receipt

Samples as listed on the preceding page were received July 25, 2018 under ARI work order 18G0275. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The Duplicate RPD were within control limits.

The Matrix Spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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WORK ORDER

18G0275

Client: PERC-Pacific Environmental and Redevelopment
Project: Superlon Plastics

Project Manager: Shelly Fishel
Project Number: SLON

Report To:
PERC-Pacific Environmental and Redevelopment Corp
Kenny King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone: (425) 346-0921
Fax:

Invoice To:
PERC-Pacific Environmental and Redevelopment Corp
Jeffrey King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone :(425) 238-2212
Fax:

Date Due: 30-Jul-2018 18:00 (3 day TAT)

Received By: Jasmine Bowman
Date Received: 25-Jul-2018 10:40

Logged In By: Jasmine Bowman
Date Logged In: 25-Jul-2018 10:50

Samples Received at: **28°C**

Intact, properly signed and dated custody seals attached to outside of cooler(s)	No	Custody papers included with the cooler	Yes
Custody papers properly filled out (in, signed, analyses requested, etc)	Yes	Was a temperature blank included in the cooler	No
Was sufficient ice used (if appropriate)	No	All bottles sealed in individual plastic bags	Yes
All bottles arrived in good condition (unbroken)	Yes	All bottle labels complete and legible	Yes
Number of containers listed on COC match number received	Yes	Bottle labels and tags agree with COC	Yes
Correct bottles used for the requested analyses	Yes	All VOC vials free of air bubbles	No
Analyses/bottles require preservation (attach preservation sheet excluding VOC).	No	Sufficient amount of sample sent in each bottle	Yes
Sample split at ARI	No		

Analysis	Due	TAT	Expires	Comments
18G0275-01 SO-TC-36A-072518 [Solid] Sampled 25-Jul-2018 08:10 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Amber, 8 oz				
TCLP 6010C - Pb	30-Jul-2018 15:00	3	21-Jan-2019 08:10	
TCLP 6010C - As	30-Jul-2018 15:00	3	21-Jan-2019 08:10	
TCLP 1311	30-Jul-2018 15:00	3	22-Aug-2018 08:10	
pH, EPA 9045D, Solid	30-Jul-2018 15:00	3	08-Aug-2018 08:10	
Filter 0.7 micron (TCLP)	30-Jul-2018 15:00	3	26-Jul-2018 10:40	

Reviewed By

Date

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC — Project Name: _____

COC No(s): _____ NA — Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18G0275 — Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 28.0 °C

Time: 1040

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: D00256

Cooler Accepted by: JCB Date: 7/25/18 Time: 1040

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? (NA) YES NO

Were all bottles sealed in individual plastic bags? (YES) NO

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)... (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA) _____

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

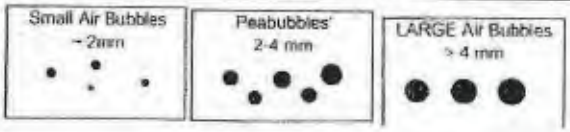
Samples Logged by: JCB Date: 7/25/18 Time: 1050

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)

Peabubbles → "pb" (2 to < 4 mm)

Large → "lg" (4 to < 6 mm)

Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18G0275

Cooler#: (1) **Temperature(°C):** 28.0°C

Sample ID	Bottle Count	Bottle Type
Sample out of		Temp!

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: _____ Time: _____

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-Jul-2018 11:41

SO-TC-36A-072518

18G0275-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/25/2018 08:10

Instrument: ICP2 — Analyzed: 30-Jul-2018 13:57

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGG0675 — Sample Size: 25 mL (wet)
Prepared: 27-Jul-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**1.27**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-Jul-2018 11:41

SO-TC-36A-072518

18G0275-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/25/2018 08:10

Instrument: Accumet AR60 — Analyzed: 26-Jul-2018 13:15

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGG0643 — Sample Size: 20 g (wet)
Prepared: 26-Jul-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**11.8**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
31-Jul-2018 11:41

TCLP Metals and Metallic Compounds - Quality Control

Batch BGG0675 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGG0675-BLK1)				Prepared: 27-Jul-2018 Analyzed: 30-Jul-2018 13:24							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGG0675-DUP1)		**Source: 18G0275-01**		Prepared: 27-Jul-2018 Analyzed: 30-Jul-2018 13:53							
Arsenic	1.29	0.0140	0.250	mg/L		1.27			1.18	20	
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BGG0675-MS1)		**Source: 18G0275-01**		Prepared: 27-Jul-2018 Analyzed: 30-Jul-2018 14:01							
Arsenic	5.61	0.0140	0.250	mg/L	4.00	1.27	109	75-125			
Lead	4.22	0.0065	0.100	mg/L	4.00	ND	105	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-Jul-2018 11:41

Wet Chemistry - Quality Control

Batch BGG0643 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: V

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGG0643-BS1)				Prepared: 26-Jul-2018 Analyzed: 26-Jul-2018 13:15							
pH	6.96	0.01	0.01	pH Units	7.00		99.4	0-200			
Duplicate (BGG0643-DUP1)		**Source: 18G0275-01**		Prepared: 26-Jul-2018 Analyzed: 26-Jul-2018 13:15							
pH	11.8	0.01	0.01	pH Units		11.8			0.34	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-Jul-2018 11:41

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-Jul-2018 11:41

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

02 August 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18G0360	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.08.02 14:55:03 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18G0360	Turn-around Requested: 3 Day	Date: 7/30/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 2.6, 6
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-37A-073018	07/30/18	10:45	Soil	1	✔	✔							
SO-TC-37B-073018	07/30/18	10:55	Soil	1	✔	✔							
SO-TC-37C-073018	07/30/18	11:05	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Stephanie Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/30/18 16:21	Date & Time: 7-30-18 1621	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2018 14:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-37A-073018	18G0360-01	Solid	30-Jul-2018 10:45	30-Jul-2018 16:21
SO-TC-37B-073018	18G0360-02	Solid	30-Jul-2018 10:55	30-Jul-2018 16:21
SO-TC-37C-073018	18G0360-03	Solid	30-Jul-2018 11:05	30-Jul-2018 16:21

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2018 14:51

Case Narrative

Sample receipt

Samples as listed on the preceding page were received July 30, 2018 under ARI work order 18G0360. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

The Duplicate RPD was within control limits

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

COC No(s): NA

Assigned ARI Job No: 18G0360

Project Name:

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 2.6.6

Time: 1621

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00256S

Cooler Accepted by: Sef Date: 7-30-18 Time: 1621

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:

Was sufficient ice used (if appropriate)? NA YES NO

Were all bottles sealed in individual plastic bags? YES NO

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)... NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI NA

Was Sample Split by ARI : NA YES Date/Time: Equipment: Split by:

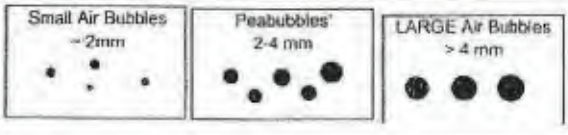
Samples Logged by: Sef Date: 7-30-18 Time: 1626

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 1860360

Cooler#: 1 **Temperature(°C):** 26.6

Sample ID	Bottle Count	Bottle Type
Samples received above 6°		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: Sef Date: 7-30-18 Time: 1621

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2018 14:51

SO-TC-37A-073018

18G0360-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/30/2018 10:45

Instrument: ICP2 — Analyzed: 01-Aug-2018 15:26

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0009 — Sample Size: 25 mL (wet)
Prepared: 01-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.380**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2018 14:51

SO-TC-37A-073018

18G0360-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/30/2018 10:45

Instrument: Accumet AR60 — Analyzed: 01-Aug-2018 09:00

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGG0811 — Sample Size: 20.141 g (wet)
Prepared: 31-Jul-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.42**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2018 14:51

SO-TC-37B-073018

18G0360-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/30/2018 10:55

Instrument: ICP2 — Analyzed: 01-Aug-2018 15:31

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0009 — Sample Size: 25 mL (wet)
Prepared: 01-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.159**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2018 14:51

SO-TC-37B-073018

18G0360-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/30/2018 10:55

Instrument: Accumet AR60 — Analyzed: 01-Aug-2018 09:00

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGG0811 — Sample Size: 20.292 g (wet)
Prepared: 31-Jul-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.88**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2018 14:51

SO-TC-37C-073018

18G0360-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/30/2018 11:05

Instrument: ICP2 — Analyzed: 01-Aug-2018 15:35

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0009 — Sample Size: 25 mL (wet)
Prepared: 01-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.107**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2018 14:51

SO-TC-37C-073018

18G0360-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/30/2018 11:05

Instrument: Accumet AR60 — Analyzed: 01-Aug-2018 09:00

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGG0811 — Sample Size: 20.715 g (wet)
Prepared: 31-Jul-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.62**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
02-Aug-2018 14:51

TCLP Metals and Metallic Compounds - Quality Control

Batch BGH0009 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGH0009-BLK1)					Prepared: 01-Aug-2018 Analyzed: 01-Aug-2018 15:13						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2018 14:51

Wet Chemistry - Quality Control

Batch BGG0811 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: V

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGG0811-BS1)				Prepared: 31-Jul-2018 Analyzed: 01-Aug-2018 09:00							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	0-200			
Duplicate (BGG0811-DUP1)		**Source: 18G0360-01**		Prepared: 31-Jul-2018 Analyzed: 01-Aug-2018 09:00							
pH	9.46	0.01	0.01	pH Units		9.42			0.42	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2018 14:51

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2018 14:51

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

10 August 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18H0060	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.08.10 11:49:01 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18H0060	Turn-around Requested: 3 Day	Date: 8/6/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 31.3
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 AS/Pb Only	Analysis Requested: PH 9045C	Notes/Comments
SO-TC-38A-080618	08/06/18	10:25	Soil	1	✔	✔	
SO-TC-38B-080618	08/06/18	10:35	Soil	1	✔	✔	
SO-TC-38C-080618	08/06/18	10:45	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Stephanie Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 8/6/18 4:40pm	Date & Time: 8-6-18 1640	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Aug-2018 11:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-38A-080618	18H0060-01	Solid	06-Aug-2018 10:25	06-Aug-2018 16:40
SO-TC-38B-080618	18H0060-02	Solid	06-Aug-2018 10:35	06-Aug-2018 16:40
SO-TC-38C-080618	18H0060-03	Solid	06-Aug-2018 10:45	06-Aug-2018 16:40

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Aug-2018 11:45

Case Narrative

Sample receipt

Samples as listed on the preceding page were received August 6, 2018 under ARI work order 18H0060. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recovery was within control limits.

The Duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Perc Project Name: _____

COC No(s): _____ (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18H0060 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 31.3

Time: 1640

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00256

Cooler Accepted by: SeF Date: 8-6-18 Time: 1640

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

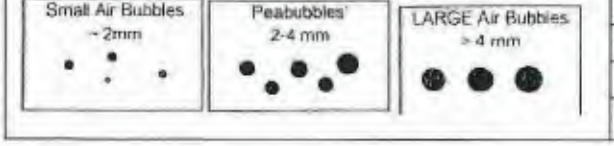
Samples Logged by: SeF Date: 8-6-18 Time: 1647

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18H0060

Cooler#: _____ **Temperature(°C):** 3.3

Sample ID	Bottle Count	Bottle Type
Samples received above 6°		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: Sef Date: 8-6-18 Time: 1640

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Aug-2018 11:45

SO-TC-38A-080618

18H0060-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/06/2018 10:25

Instrument: ICP2 — Analyzed: 09-Aug-2018 11:05

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0182 — Sample Size: 25 mL (wet)
Prepared: 08-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.245**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Aug-2018 11:45

SO-TC-38A-080618

18H0060-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/06/2018 10:25

Instrument: Accumet AR60 — Analyzed: 09-Aug-2018 11:50

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGH0220 — Sample Size: 21.33 g (wet)
Prepared: 09-Aug-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	**9.34**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Aug-2018 11:45

SO-TC-38B-080618

18H0060-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/06/2018 10:35

Instrument: ICP2 — Analyzed: 09-Aug-2018 11:09

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0182 — Sample Size: 25 mL (wet)
Prepared: 08-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.212**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Aug-2018 11:45

SO-TC-38B-080618

18H0060-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/06/2018 10:35

Instrument: Accumet AR60 — Analyzed: 09-Aug-2018 11:50

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGH0220 — Sample Size: 21.14 g (wet)
Prepared: 09-Aug-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	**9.48**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Aug-2018 11:45

SO-TC-38C-080618

18H0060-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/06/2018 10:45

Instrument: ICP2 — Analyzed: 09-Aug-2018 11:13

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0182 — Sample Size: 25 mL (wet)
Prepared: 08-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.168**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Aug-2018 11:45

SO-TC-38C-080618

18H0060-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/06/2018 10:45

Instrument: Accumet AR60 — Analyzed: 09-Aug-2018 11:50

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGH0220 — Sample Size: 20.21 g (wet)
Prepared: 09-Aug-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.08**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
10-Aug-2018 11:45

TCLP Metals and Metallic Compounds - Quality Control

Batch BGH0182 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGH0182-BLK1)					Prepared: 08-Aug-2018 Analyzed: 09-Aug-2018 10:53						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Aug-2018 11:45

Wet Chemistry - Quality Control

Batch BGH0220 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: V

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGH0220-BS1)				Prepared: 09-Aug-2018 Analyzed: 09-Aug-2018 11:50							
pH	7.00	0.01	0.01	pH Units	7.00		100	0-200			
Duplicate (BGH0220-DUP1)		**Source: 18H0060-01**		Prepared: 09-Aug-2018 Analyzed: 09-Aug-2018 11:50							
pH	9.37	0.009	0.009	pH Units		9.34			0.32	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Aug-2018 11:45

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	10-Aug-2018 11:45

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

13 August 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18H0072	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.08.13 16:01:26 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18H0072	Turn-around Requested: 3 Day	Date: 08/07/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 35.1
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Notes/Comments
SO-TC-39A-080718	08/07/18	10:30	Soil	1	✔	✔	
SO-TC-39B-080718	08/07/18	10:40	Soil	1	✔	✔	
SO-TC-39C-080718	08/07/18	10:50	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Kelly Dotten	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 8/7/18 16:42	Date & Time: 8/7/18 16:42	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2018 15:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-39A-080718	18H0072-01	Solid	07-Aug-2018 10:30	07-Aug-2018 16:42
SO-TC-39B-080718	18H0072-02	Solid	07-Aug-2018 10:40	07-Aug-2018 16:42
SO-TC-39C-080718	18H0072-03	Solid	07-Aug-2018 10:50	07-Aug-2018 16:42

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2018 15:55

Case Narrative

Sample receipt

Samples as listed on the preceding page were received August 7, 2018 under ARI work order 18H0072. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry - pH

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PESC

Project Name: _____

COC No(s): _____ NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18H0072

Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 3.5.1

Time: 1652

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00256S

Cooler Accepted by: Sef for Kelly Date: 8-7-18 Time: 1642

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
Were all bottles sealed in individual plastic bags?		YES	NO
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Was Sample Split by ARI : NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: Sef Date: 8-7-18 Time: 1659

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Small Air Bubbles ~ 2mm	Peabubbles' 2-4 mm	LARGE Air Bubbles > 4 mm
• • •	• • •	● ● ●

Small → "sm" (< 2 mm)

Peabubbles → "pb" (2 to < 4 mm)

Large → "lg" (4 to < 6 mm)

Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18H0072

Cooler#: 1 **Temperature(°C):** 35.1

Sample ID	Bottle Count	Bottle Type
Samples received above 6°		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: SEF Date: 8-7-18 Time: _____

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2018 15:55

SO-TC-39A-080718

18H0072-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/07/2018 10:30

Instrument: ICP2 — Analyzed: 13-Aug-2018 11:56

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0249 — Sample Size: 25 mL (wet)
Prepared: 10-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.136**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2018 15:55

SO-TC-39A-080718

18H0072-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/07/2018 10:30

Instrument: Accumet AR60 — Analyzed: 09-Aug-2018 11:50

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGH0220 — Sample Size: 20.7 g (wet)
Prepared: 09-Aug-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.65**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2018 15:55

SO-TC-39B-080718

18H0072-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/07/2018 10:40

Instrument: ICP2 — Analyzed: 13-Aug-2018 11:38

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0249 — Sample Size: 25 mL (wet)
Prepared: 10-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.270**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.0112**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2018 15:55

SO-TC-39B-080718

18H0072-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/07/2018 10:40

Instrument: Accumet AR60 — Analyzed: 09-Aug-2018 11:50

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGH0220 — Sample Size: 20.1 g (wet)
Prepared: 09-Aug-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.63**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2018 15:55

SO-TC-39C-080718

18H0072-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/07/2018 10:50

Instrument: ICP2 — Analyzed: 13-Aug-2018 11:43

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0249 — Sample Size: 25 mL (wet)
Prepared: 10-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.280**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2018 15:55

SO-TC-39C-080718

18H0072-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/07/2018 10:50

Instrument: Accumet AR60 — Analyzed: 09-Aug-2018 11:50

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGH0220 — Sample Size: 20.35 g (wet)
Prepared: 09-Aug-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.69**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
13-Aug-2018 15:55

TCLP Metals and Metallic Compounds - Quality Control

Batch BGH0249 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGH0249-BLK1)				Prepared: 10-Aug-2018 Analyzed: 13-Aug-2018 11:33							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGH0249-DUP1)		**Source: 18H0072-01**		Prepared: 10-Aug-2018 Analyzed: 13-Aug-2018 11:51							
Arsenic	0.134	0.0140	0.250	mg/L		0.136			1.76	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BGH0249-MS1)		**Source: 18H0072-01**		Prepared: 10-Aug-2018 Analyzed: 13-Aug-2018 12:00							
Arsenic	4.48	0.0140	0.250	mg/L	4.00	0.136	108	75-125			
Lead	3.97	0.0065	0.100	mg/L	4.00	ND	99.1	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2018 15:55

Wet Chemistry - Quality Control

Batch BGH0220 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: V

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGH0220-BS1)	Prepared: 09-Aug-2018 Analyzed: 09-Aug-2018 11:50										
pH	7.00	0.01	0.01	pH Units	7.00		100	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2018 15:55

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2018 15:55

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

17 August 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18H0164	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.08.17 13:05:02 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18H0164	Turn-around Requested: 3 Day	Date: 8/13/18	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 25.2
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	PH 9045C							Notes/Comments
SO-TC-40A-080818	08/08/18	09:00	Soil	1	✔	✔							
SO-TC-40B-080818	08/08/18	09:10	Soil	1	✔	✔							
SO-TC-40C-080818	08/08/18	09:20	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Stephanie Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 8/13/18 4:10PM	Date & Time: 8-13-18 1610	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:49

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-40A-080818	18H0164-01	Solid	08-Aug-2018 09:00	13-Aug-2018 16:10
SO-TC-40B-080818	18H0164-02	Solid	08-Aug-2018 09:10	13-Aug-2018 16:10
SO-TC-40C-080818	18H0164-03	Solid	08-Aug-2018 09:20	13-Aug-2018 16:10

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:49

Case Narrative

Sample receipt

Samples as listed on the preceding page were received August 13, 2018 under ARI work order 18H0164. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The Duplicate RPD and Matrix Spike percent recoveries were within control limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: _____

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18H0164 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 25.2

Time: 1610

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D02565

Cooler Accepted by: Sof Date: 8-13-18 Time: 1610

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES NO

Were all bottles sealed in individual plastic bags? YES NO

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)... NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI... NA _____

Was Sample Split by ARI : NA YES Date/Time: _____ Equipment: _____ Split by: _____

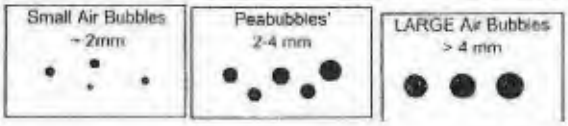
Samples Logged by: Sof Date: 8-13-18 Time: 1624

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18H0164

Cooler#: 1 Temperature(°C): 25.2

Sample ID	Bottle Count	Bottle Type
Samples received above 6°		

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: SCS Date: 8-13-18 Time: 1610

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:49

SO-TC-40A-080818

18H0164-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/08/2018 09:00

Instrument: ICP2 — Analyzed: 16-Aug-2018 12:36

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0369 — Sample Size: 25 mL (wet)
Prepared: 15-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.217**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:49

SO-TC-40A-080818

18H0164-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/08/2018 09:00

Instrument: Accumet AR60 — Analyzed: 14-Aug-2018 14:20

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGH0332 — Sample Size: 20.58 g (wet)
Prepared: 14-Aug-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.47**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:49

SO-TC-40B-080818

18H0164-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/08/2018 09:10

Instrument: ICP2 — Analyzed: 16-Aug-2018 12:07

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0369 — Sample Size: 25 mL (wet)
Prepared: 15-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.225**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:49

SO-TC-40B-080818

18H0164-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/08/2018 09:10

Instrument: Accumet AR60 — Analyzed: 14-Aug-2018 14:20

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGH0332 — Sample Size: 20.3 g (wet)
Prepared: 14-Aug-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.59**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:49

SO-TC-40C-080818

18H0164-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/08/2018 09:20

Instrument: ICP2 — Analyzed: 16-Aug-2018 12:11

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0369 — Sample Size: 25 mL (wet)
Prepared: 15-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.527**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:49

SO-TC-40C-080818

18H0164-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/08/2018 09:20

Instrument: Accumet AR60 — Analyzed: 14-Aug-2018 14:20

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGH0332 — Sample Size: 20.02 g (wet)
Prepared: 14-Aug-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.45**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:49

TCLP Metals and Metallic Compounds - Quality Control

Batch BGH0369 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGH0369-BLK1)				Prepared: 15-Aug-2018 Analyzed: 16-Aug-2018 12:02							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGH0369-DUP1)		**Source: 18H0164-01**		Prepared: 15-Aug-2018 Analyzed: 16-Aug-2018 12:32							
Arsenic	0.214	0.0140	0.250	mg/L		0.217			1.47	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BGH0369-MS1)		**Source: 18H0164-01**		Prepared: 15-Aug-2018 Analyzed: 16-Aug-2018 12:41							
Arsenic	4.73	0.0140	0.250	mg/L	4.00	0.217	113	75-125			
Lead	4.17	0.0065	0.100	mg/L	4.00	ND	104	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:49

Wet Chemistry - Quality Control

Batch BGH0332 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: V

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGH0332-BS1)	Prepared: 14-Aug-2018 Analyzed: 14-Aug-2018 14:20										
pH	6.97	0.01	0.01	pH Units	7.00		99.6	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:49

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:49

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

17 August 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18H0165	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.08.17 13:05:26 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18H0165	Turn-around Requested: 3-Day	Date: 08/13/18	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 25.2
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: GRIM		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As, Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-42A-081318	8/13/18	7:50	Soil	1	✓	✓	
SO-TC-42B-081318	8/13/18	8:13	Soil	1	✓	✓	
SO-TC-42C-081318	8/13/18	8:24	Soil	1	✓	✓	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Stephanie Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/13/18 4:11 PM	Date & Time: 8-13-18 1620	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-42A-081318	18H0165-01	Solid	13-Aug-2018 07:50	13-Aug-2018 16:10
SO-TC-42B-081318	18H0165-02	Solid	13-Aug-2018 08:13	13-Aug-2018 16:10
SO-TC-42C-081318	18H0165-03	Solid	13-Aug-2018 08:24	13-Aug-2018 16:10

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:53

Case Narrative

Sample receipt

Samples as listed on the preceding page were received August 13, 2018 under ARI work order 18H0165. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: _____

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18H0165 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 25.2

Time: 1610

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D20565

Cooler Accepted by: Sef Date: 8-13-18 Time: 1610

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES NO

Were all bottles sealed in individual plastic bags? YES NO

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)... NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI NA _____

Was Sample Split by ARI : NA YES Date/Time: _____ Equipment: _____ Split by: _____

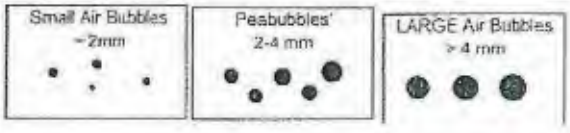
Samples Logged by: Sef Date: 8-13-18 Time: 1629

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Incorporated
Analytical Chemists and
Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18H0165

Cooler#: 1 Temperature(°C): 25.2

Sample ID	Bottle Count	Bottle Type
Samples received above 6°		

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: SCS Date: 8-13-18 Time: 1610

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:53

SO-TC-42A-081318

18H0165-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/13/2018 07:50

Instrument: ICP2 — Analyzed: 16-Aug-2018 12:15

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0369 — Sample Size: 25 mL (wet)
Prepared: 15-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.492**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:53

SO-TC-42A-081318

18H0165-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/13/2018 07:50

Instrument: Accumet AR60 — Analyzed: 14-Aug-2018 14:20

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGH0332 — Sample Size: 20.55 g (wet)
Prepared: 14-Aug-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.28**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:53

SO-TC-42B-081318

18H0165-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/13/2018 08:13

Instrument: ICP2 — Analyzed: 16-Aug-2018 12:19

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0369 — Sample Size: 25 mL (wet)
Prepared: 15-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.409**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:53

SO-TC-42B-081318

18H0165-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/13/2018 08:13

Instrument: Accumet AR60 — Analyzed: 14-Aug-2018 14:20

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGH0332 — Sample Size: 20.33 g (wet)
Prepared: 14-Aug-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.43**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:53

SO-TC-42C-081318

18H0165-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/13/2018 08:24

Instrument: ICP2 — Analyzed: 16-Aug-2018 12:24

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0369 — Sample Size: 25 mL (wet)
Prepared: 15-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.421**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:53

SO-TC-42C-081318

18H0165-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/13/2018 08:24

Instrument: Accumet AR60 — Analyzed: 14-Aug-2018 14:20

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGH0332 — Sample Size: 20.27 g (wet)
Prepared: 14-Aug-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.43**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
17-Aug-2018 12:53

TCLP Metals and Metallic Compounds - Quality Control

Batch BGH0369 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGH0369-BLK1)					Prepared: 15-Aug-2018 Analyzed: 16-Aug-2018 12:02						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:53

Wet Chemistry - Quality Control

Batch BGH0332 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: V

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGH0332-BS1)	Prepared: 14-Aug-2018 Analyzed: 14-Aug-2018 14:20										
pH	6.97	0.01	0.01	pH Units	7.00		99.6	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:53

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	17-Aug-2018 12:53

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

17 August 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18H0190	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.08.17 13:06:27 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18H0190	Turn-around Requested: 2-day	Date: 08/14/18	
ARI Client Company: PERC	Phone: 4253460921	Page: 1 of 1	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 32.8°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: BG		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As, Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-43A-081418	08/14/1	9:53	Soil	1	✓	✓	
SO-TC-43B-081418	8/14/18	10:06	Soil	1	✓	✓	
SO-TC-43B-081418	8/14/18	10:16	Soil	1	✓	✓	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Jacob Walte	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 8/14/18 16:03.	Date & Time: 08/14/18 1603	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-43A-081418	18H0190-01	Solid	14-Aug-2018 09:53	14-Aug-2018 16:03
SO-TC-43B-081418	18H0190-02	Solid	14-Aug-2018 10:06	14-Aug-2018 16:03
SO-TC-43C-081418	18H0190-03	Solid	14-Aug-2018 10:16	14-Aug-2018 16:03

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:59

Case Narrative

Sample receipt

Samples as listed on the preceding page were received August 14, 2018 under ARI work order 18H0190. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The Duplicate RPD and Matrix Spike percent recoveries were within control limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: _____

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18H0190 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 32.8°C
Time: 1603

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00520G

Cooler Accepted by: JSW Date: 08/14/18 Time: 1603

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES (NO)

Were all bottles sealed in individual plastic bags? (YES) NO

Did all bottles arrive in good condition (unbroken)? (YES) (NO) JSW

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)... (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI... (NA) _____

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

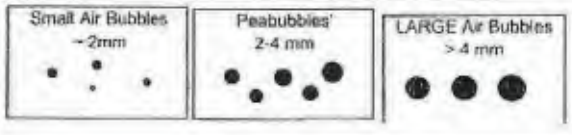
Samples Logged by: JSW Date: 08/14/18 Time: 1750

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18H0190

Cooler#: _____ **Temperature(°C):** 22.8°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 08/14/18 Time: 1603

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:59

SO-TC-43A-081418

18H0190-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/14/2018 09:53

Instrument: ICP2 — Analyzed: 16-Aug-2018 15:21

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0406 — Sample Size: 25 mL (wet)
Prepared: 16-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.170**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:59

SO-TC-43A-081418

18H0190-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/14/2018 09:53

Instrument: Accumet AR60 — Analyzed: 16-Aug-2018 18:14

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGH0424 — Sample Size: 20.53 g (wet)
Prepared: 16-Aug-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.18**	pH Units	

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8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:59

SO-TC-43B-081418

18H0190-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/14/2018 10:06

Instrument: ICP2 — Analyzed: 16-Aug-2018 15:02

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0406 — Sample Size: 25 mL (wet)
Prepared: 16-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.167**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0433**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:59

SO-TC-43B-081418

18H0190-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/14/2018 10:06

Instrument: Accumet AR60 — Analyzed: 16-Aug-2018 18:14

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGH0424 — Sample Size: 20.23 g (wet)
Prepared: 16-Aug-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.33**	pH Units	

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8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:59

SO-TC-43C-081418

18H0190-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/14/2018 10:16

Instrument: ICP2 — Analyzed: 16-Aug-2018 15:07

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0406 — Sample Size: 25 mL (wet)
Prepared: 16-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0697**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0235**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:59

SO-TC-43C-081418

18H0190-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/14/2018 10:16

Instrument: Accumet AR60 — Analyzed: 16-Aug-2018 18:14

Sample Preparation: Preparation Method: No Prep Wet Chem
Preparation Batch: BGH0424 — Sample Size: 20.54 g (wet)
Prepared: 16-Aug-2018 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.25**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:59

TCLP Metals and Metallic Compounds - Quality Control

Batch BGH0406 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGH0406-BLK1)				Prepared: 16-Aug-2018 Analyzed: 16-Aug-2018 14:46							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGH0406-DUP1)		**Source: 18H0190-01**		Prepared: 16-Aug-2018 Analyzed: 16-Aug-2018 15:16							
Arsenic	0.181	0.0140	0.250	mg/L		0.170			6.44	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BGH0406-MS1)		**Source: 18H0190-01**		Prepared: 16-Aug-2018 Analyzed: 16-Aug-2018 15:25							
Arsenic	4.57	0.0140	0.250	mg/L	4.00	0.170	110	75-125			
Lead	4.04	0.0065	0.100	mg/L	4.00	ND	101	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:59

Wet Chemistry - Quality Control

Batch BGH0424 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: V

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGH0424-BS1)	Prepared: 16-Aug-2018 Analyzed: 16-Aug-2018 18:14										
pH	6.98	0.01	0.01	pH Units	7.00		99.7	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:59

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2018 12:59

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

27 August 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18H0259	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.08.27 09:16:25 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18 40259	Turn-around Requested: 3 Day	Date: 8/20/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Notes/Comments
SO-TC-44A-082018	08/20/18	09:50	Soil	1	✔	✔	
SO-TC-44B-082018	08/20/18	10:00	Soil	1	✔	✔	
SO-TC-44C-082018	08/20/18	10:10	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KARK	Printed Name: Jasmine Bowman	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 8/20/18 4:55	Date & Time: 8/20/18 16:55	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2018 09:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-44A-082018	18H0259-01	Solid	20-Aug-2018 09:50	20-Aug-2018 16:55
SO-TC-44B-082018	18H0259-02	Solid	20-Aug-2018 10:00	20-Aug-2018 16:55
SO-TC-44C-082018	18H0259-03	Solid	20-Aug-2018 10:10	20-Aug-2018 16:55

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2018 09:08

Case Narrative

Sample receipt

Samples as listed on the preceding page were received August 20, 2018 under ARI work order 18H0259. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The Duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The Duplicate RPD and Matrix Spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
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Cooler Receipt Form

ARI Client: DERL — Project Name: _____

COC No(s): _____ NA — Delivered by: Fed-Ex UPS Courier Hand Delivered Other _____

Assigned ARI Job No: 18H0259 — Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry): 27.7°C
Time: 1655

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: pous406

Cooler Accepted by: JWB — Date: 9/20/18 — Time: 1655

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper (Other) bubbling		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI: (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JWB — Date: 9/20/18 — Time: 1710

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: RH0259

Cooler#:	Temperature(°C): 27.7°C	
Sample ID	Bottle Count	Bottle Type
All Samples	out of Temp.	

Cooler#:	Temperature(°C):	
Sample ID	Bottle Count	Bottle Type

Cooler#:	Temperature(°C):	
Sample ID	Bottle Count	Bottle Type

Cooler#:	Temperature(°C):	
Sample ID	Bottle Count	Bottle Type

Completed by: [illegible] Date: 8/20/18 Time: 1655

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2018 09:08

SO-TC-44A-082018

18H0259-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/20/2018 09:50

Instrument: ICP2 — Analyzed: 23-Aug-2018 13:12

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0561 — Sample Size: 25 mL (wet)
Prepared: 22-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.394**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2018 09:08

SO-TC-44A-082018

18H0259-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/20/2018 09:50

Instrument: Accumet AR60 — Analyzed: 23-Aug-2018 13:45

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGH0599 — Sample Size: 20.41 g (wet)
Prepared: 23-Aug-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**10.6**	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2018 09:08

SO-TC-44B-082018

18H0259-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/20/2018 10:00

Instrument: ICP2 — Analyzed: 23-Aug-2018 11:51

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0561 — Sample Size: 25 mL (wet)
Prepared: 22-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**1.94**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2018 09:08

SO-TC-44B-082018

18H0259-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/20/2018 10:00

Instrument: Accumet AR60 — Analyzed: 23-Aug-2018 13:45

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGH0599 — Sample Size: 20.1 g (wet)
Prepared: 23-Aug-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**10.0**	pH Units	

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2018 09:08

SO-TC-44C-082018

18H0259-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/20/2018 10:10

Instrument: ICP2 — Analyzed: 23-Aug-2018 11:55

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0561 — Sample Size: 25 mL (wet)
Prepared: 22-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.463**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2018 09:08

SO-TC-44C-082018

18H0259-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/20/2018 10:10

Instrument: Accumet AR60 — Analyzed: 23-Aug-2018 13:45

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGH0599 — Sample Size: 20.97 g (wet)
Prepared: 23-Aug-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**10.2**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2018 09:08

TCLP Metals and Metallic Compounds - Quality Control

Batch BGH0561 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGH0561-BLK1)				Prepared: 22-Aug-2018 Analyzed: 23-Aug-2018 11:47							
Arsenic	0.0146	0.0140	0.250	mg/L							J
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGH0561-DUP1)		**Source: 18H0259-01**		Prepared: 22-Aug-2018 Analyzed: 23-Aug-2018 13:07							
Arsenic	0.397	0.0140	0.250	mg/L		0.394			0.89	20	
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BGH0561-MS1)		**Source: 18H0259-01**		Prepared: 22-Aug-2018 Analyzed: 23-Aug-2018 13:16							
Arsenic	4.50	0.0140	0.250	mg/L	4.00	0.394	103	75-125			
Lead	3.85	0.0065	0.100	mg/L	4.00	ND	96.2	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2018 09:08

Wet Chemistry - Quality Control

Batch BGH0599 - EPA 9045D

Instrument: Accumet AR60 Analyst: V

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGH0599-BS1)				Prepared: 23-Aug-2018 Analyzed: 23-Aug-2018 13:45							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	0-200			
Duplicate (BGH0599-DUP1)		**Source: 18H0259-01**		Prepared: 23-Aug-2018 Analyzed: 23-Aug-2018 13:45							
pH	10.6	0.01	0.01	pH Units		10.6			0.19	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2018 09:08

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	27-Aug-2018 09:08

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

27 August 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18H0261	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.08.27 09:17:28 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18H0261	Turn-around Requested: 3 Day	Date: 8/20/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-45A-082018	08/20/18	14:30	Soil	1	✔	✔							
SO-TC-45B-082018	08/20/18	14:40	Soil	1	✔	✔							
SO-TC-45C-082018	08/20/18	14:50	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Jasmine Bauman	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 8/20/18 4:55	Date & Time: 8/20/18 1655	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2018 09:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-45A-082018	18H0261-01	Solid	20-Aug-2018 14:30	20-Aug-2018 16:55
SO-TC-45B-082018	18H0261-02	Solid	20-Aug-2018 14:40	20-Aug-2018 16:55
SO-TC-45C-082018	18H0261-03	Solid	20-Aug-2018 14:50	20-Aug-2018 16:55

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2018 09:13

Case Narrative

Sample receipt

Samples as listed on the preceding page were received August 20, 2018 under ARI work order 18H0261. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Cooler Receipt Form

ARI Client: PERC

Project Name: _____

COC No(s): _____ NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18H0261

Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 27.7°C

Time: 1655

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: DCS-296

Cooler Accepted by: JVB Date: 8/20/18 Time: 1655

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: Rolling

Was sufficient ice used (if appropriate)? NA YES (NO)

Were all bottles sealed in individual plastic bags? YES (NO)

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)... (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA) _____

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JVB Date: 8/20/18 Time: 1718

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Small Air Bubbles ~ 2mm	Peabubbles 2-4 mm	LARGE Air Bubbles > 4 mm
• • •	○ ○ ○	● ● ●

Small → "sm" (< 2 mm)

Peabubbles → "pb" (2 to < 4 mm)

Large → "lg" (4 to < 6 mm)

Headspace → "hs" (> 6 mm)

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Analytical Chemists and
Consultants

Cooler Temperature Compliance Form

ARI Work Order: 1811026l

Cooler#: 1 Temperature(°C): 27.7°C

Sample ID	Bottle Count	Bottle Type
All Samples	out of Temp.	

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: JNB Date: 8/20/18 Time: 1655

Analytical Resources, Incorporated
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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2018 09:13

SO-TC-45A-082018

18H0261-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/20/2018 14:30

Instrument: ICP2 — Analyzed: 23-Aug-2018 12:55

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0561 — Sample Size: 25 mL (wet)
Prepared: 22-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.173**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2018 09:13

SO-TC-45A-082018

18H0261-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/20/2018 14:30

Instrument: Accumet AR60 — Analyzed: 23-Aug-2018 13:45

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGH0599 — Sample Size: 20.83 g (wet)
Prepared: 23-Aug-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.54**	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2018 09:13

SO-TC-45B-082018

18H0261-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/20/2018 14:40

Instrument: ICP2 — Analyzed: 23-Aug-2018 12:59

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0561 — Sample Size: 25 mL (wet)
Prepared: 22-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.138**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2018 09:13

SO-TC-45B-082018

18H0261-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/20/2018 14:40

Instrument: Accumet AR60 — Analyzed: 23-Aug-2018 13:45

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGH0599 — Sample Size: 20.45 g (wet)
Prepared: 23-Aug-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.56**	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2018 09:13

SO-TC-45C-082018

18H0261-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/20/2018 14:50

Instrument: ICP2 — Analyzed: 23-Aug-2018 13:03

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0561 — Sample Size: 25 mL (wet)
Prepared: 22-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.207**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2018 09:13

SO-TC-45C-082018

18H0261-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/20/2018 14:50

Instrument: Accumet AR60 — Analyzed: 23-Aug-2018 13:45

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGH0599 — Sample Size: 20.04 g (wet)
Prepared: 23-Aug-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.46**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
27-Aug-2018 09:13

TCLP Metals and Metallic Compounds - Quality Control

Batch BGH0561 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGH0561-BLK1)				Prepared: 22-Aug-2018 Analyzed: 23-Aug-2018 11:47							
Arsenic	0.0146	0.0140	0.250	mg/L							J
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2018 09:13

Wet Chemistry - Quality Control

Batch BGH0599 - EPA 9045D

Instrument: Accumet AR60 Analyst: V

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGH0599-BS1)	Prepared: 23-Aug-2018 Analyzed: 23-Aug-2018 13:45										
pH	6.97	0.01	0.01	pH Units	7.00		99.6	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2018 09:13

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	27-Aug-2018 09:13

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

04 September 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18H0361	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.09.04 09:27:14 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Analytical Resources, Incorporated
Analytical Chemists and Consultants

04 September 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18H0384	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.09.04 09:27:43 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18H0384	Turn-around Requested: 5 Day	Date: 8/28/18	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps: 27.7
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	PH 9045C							Notes/Comments
					Analysis Requested								
SO-TC-48A-082818	08/28/18	09:10	Soil	1	✔	✔							
SO-TC-48B-082818	08/28/18	09:20	Soil	1	✔	✔							
SO-TC-48C-082818	08/28/18	09:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jasmine Bowman	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 8/28/18 14:25	Date & Time: 8/28/18 1425	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Sep-2018 09:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-48A-082818	18H0384-01	Solid	28-Aug-2018 09:10	28-Aug-2018 14:25
SO-TC-48B-082818	18H0384-02	Solid	28-Aug-2018 09:20	28-Aug-2018 14:25
SO-TC-48C-082818	18H0384-03	Solid	28-Aug-2018 09:30	28-Aug-2018 14:25

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Sep-2018 09:23

Case Narrative

Sample receipt

Samples as listed on the preceding page were received August 28, 2018 under ARI work order 18H0384. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry- pH

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC — Project Name: _____

COC No(s): _____ NA — Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18H0384 — Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 27.7°C

Time: 1425

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: D 89520

Cooler Accepted by: JLB Date: 8/28/18 Time: 1425

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES (NO)

Were all bottles sealed in individual plastic bags? YES (NO)

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)... (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI... (NA) _____

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

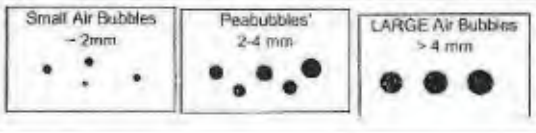
Samples Logged by: JBL Date: 08/28/18 Time: 1432

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Sep-2018 09:23

SO-TC-48A-082818

18H0384-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/28/2018 09:10

Instrument: ICP2 — Analyzed: 31-Aug-2018 14:58

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0827 — Sample Size: 25 mL (wet)
Prepared: 31-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0393**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Sep-2018 09:23

SO-TC-48A-082818

18H0384-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/28/2018 09:10

Instrument: Accumet AR60 — Analyzed: 30-Aug-2018 13:30

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGH0798 — Sample Size: 20.16 g (wet)
Prepared: 30-Aug-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.62**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Sep-2018 09:23

SO-TC-48B-082818

18H0384-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/28/2018 09:20

Instrument: ICP2 — Analyzed: 31-Aug-2018 15:02

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0827 — Sample Size: 25 mL (wet)
Prepared: 31-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0460**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Sep-2018 09:23

SO-TC-48B-082818

18H0384-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/28/2018 09:20

Instrument: Accumet AR60 — Analyzed: 30-Aug-2018 13:30

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGH0798 — Sample Size: 20.27 g (wet)
Prepared: 30-Aug-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.60**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Sep-2018 09:23

SO-TC-48C-082818

18H0384-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/28/2018 09:30

Instrument: ICP2 — Analyzed: 31-Aug-2018 15:06

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGH0827 — Sample Size: 25 mL (wet)
Prepared: 31-Aug-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0330**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Sep-2018 09:23

SO-TC-48C-082818

18H0384-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/28/2018 09:30

Instrument: Accumet AR60 — Analyzed: 30-Aug-2018 13:30

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGH0798 — Sample Size: 20.01 g (wet)
Prepared: 30-Aug-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.56**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
04-Sep-2018 09:23

TCLP Metals and Metallic Compounds - Quality Control

Batch BGH0827 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGH0827-BLK1)					Prepared: 31-Aug-2018 Analyzed: 31-Aug-2018 14:45						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0073	0.0065	0.100	mg/L							J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Sep-2018 09:23

Wet Chemistry - Quality Control

Batch BGH0798 - EPA 9045D

Instrument: Accumet AR60 Analyst: V

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGH0798-BS1)	Prepared: 30-Aug-2018 Analyzed: 30-Aug-2018 13:30										
pH	7.00	0.01	0.01	pH Units	7.00		100	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Sep-2018 09:23

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Sep-2018 09:23

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

10 September 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18I0015	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.09.10 15:03:13 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18I0015	Turn-around Requested: 3 Day	Date: 9/4/18	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 2.3.3
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-49A-090418	09/04/18	08:50	Soil	1	✔	✔							
SO-TC-49B-090418	09/04/18	09:00	Soil	1	✔	✔							
SO-TC-49C-090418	09/04/18	09:10	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Stephanie Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 9/4/18 15:05	Date & Time: 9-4-18 1505	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is lohger. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Sep-2018 14:46

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-49A-090418	18I0015-01	Solid	04-Sep-2018 08:50	04-Sep-2018 15:05
SO-TC-49B-090418	18I0015-02	Solid	04-Sep-2018 09:00	04-Sep-2018 15:05
SO-TC-49C-090418	18I0015-03	Solid	04-Sep-2018 09:10	04-Sep-2018 15:05

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Sep-2018 14:46

Case Narrative

Sample receipt

Samples as listed on the preceding page were received September 4, 2018 under ARI work order 18I0015. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERL

Project Name: _____

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18I0015

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry): 2.3

Time: 1505

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D0052006

Cooler Accepted by: _____ Date: 9-4-18 Time: 1505

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

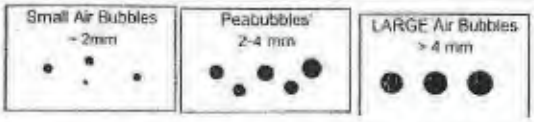
Samples Logged by: JBW Date: 09/04/18 Time: 1517

** ***Notify Project Manager of discrepancies or concerns*** **

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18I0015

Cooler#: 1 **Temperature(°C):** 23.3

Sample ID	Bottle Count	Bottle Type
Samples recieved above 6°		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: Sef Date: 9-4-18 Time: 1505

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Sep-2018 14:46

SO-TC-49A-090418

18I0015-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/04/2018 08:50

Instrument: ICP2 — Analyzed: 07-Sep-2018 14:50

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGI0110 — Sample Size: 25 mL (wet)
Prepared: 06-Sep-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0654**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Sep-2018 14:46

SO-TC-49A-090418

18I0015-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/04/2018 08:50

Instrument: Accumet AR60 — Analyzed: 07-Sep-2018 14:34

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0159 — Sample Size: 20.23 g (wet)
Prepared: 07-Sep-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.82**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Sep-2018 14:46

SO-TC-49B-090418

18I0015-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/04/2018 09:00

Instrument: ICP2 — Analyzed: 07-Sep-2018 14:54

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGI0110 — Sample Size: 25 mL (wet)
Prepared: 06-Sep-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.146**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Sep-2018 14:46

SO-TC-49B-090418

18I0015-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/04/2018 09:00

Instrument: Accumet AR60 — Analyzed: 07-Sep-2018 14:34

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0159 — Sample Size: 20.8 g (wet)
Prepared: 07-Sep-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.11**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Sep-2018 14:46

SO-TC-49C-090418

18I0015-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/04/2018 09:10

Instrument: ICP2 — Analyzed: 07-Sep-2018 17:02

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGI0110 — Sample Size: 25 mL (wet)
Prepared: 06-Sep-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.137**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Sep-2018 14:46

SO-TC-49C-090418

18I0015-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/04/2018 09:10

Instrument: Accumet AR60 — Analyzed: 07-Sep-2018 14:34

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0159 — Sample Size: 20.12 g (wet)
Prepared: 07-Sep-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.46**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
10-Sep-2018 14:46

TCLP Metals and Metallic Compounds - Quality Control

Batch BGI0110 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGI0110-BLK1)	Prepared: 06-Sep-2018 Analyzed: 07-Sep-2018 13:52										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Sep-2018 14:46

Wet Chemistry - Quality Control

Batch BGI0159 - EPA 9045D

Instrument: Accumet AR60 Analyst: V

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGI0159-BS1)				Prepared: 07-Sep-2018 Analyzed: 07-Sep-2018 14:34							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	0-200			
Duplicate (BGI0159-DUP1)		**Source: 18I0015-01**		Prepared: 07-Sep-2018 Analyzed: 07-Sep-2018 14:34							
pH	8.84	0.01	0.01	pH Units		8.82			0.23	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Sep-2018 14:46

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Sep-2018 14:46

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

DRAFT REPORT
Data Subject to Change

10 September 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18I0035	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.09.10 15:10:33 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18I0035	Turn-around Requested: 2 Day	Date: 9/5/18	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 24.4
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Notes/Comments
SO-TC-50A-090518	09/05/18	09:00	Soil	1	✔	✔	
SO-TC-50B-090518	09/05/18	09:10	Soil	1	✔	✔	
SO-TC-50C-090518	09/05/18	09:20	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Stephanie Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 9/5/18 4:05	Date & Time: 9-5-18 1605	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Sep-2018 15:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-50A-090518	18I0035-01	Solid	05-Sep-2018 09:00	05-Sep-2018 16:05
SO-TC-50B-090518	18I0035-02	Solid	05-Sep-2018 09:10	05-Sep-2018 16:05
SO-TC-50C-090518	18I0035-03	Solid	05-Sep-2018 09:20	05-Sep-2018 16:05

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Sep-2018 15:08

Case Narrative

Sample receipt

Samples as listed on the preceding page were received September 5, 2018 under ARI work order 18I0035. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Perc

COC No(s): _____ NA

Assigned ARI Job No: 18I0035

Project Name: _____

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry): 24.4

Time: 1605

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 120025G5

Cooler Accepted by: Sef Date: 9-5-18 Time: 1605

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
Were all bottles sealed in individual plastic bags?		YES	NO
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Was Sample Split by ARI : NA YES Date/Time: _____ Equipment: _____ Split by: _____

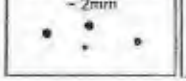
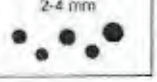
Samples Logged by: Sef Date: 9-5-18 Time: 1627

** *Notify Project Manager of discrepancies or concerns* **

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Small Air Bubbles ~ 2mm	Peabubbles' 2-4 mm	LARGE Air Bubbles > 4 mm
		

Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18I0035

Cooler#: 1 Temperature(°C): 24.4

Sample ID	Bottle Count	Bottle Type
Samples recieved above 6°		

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: Sef Date: 9-5-18 Time: 1605

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Sep-2018 15:08

SO-TC-50A-090518

18I0035-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/05/2018 09:00

Instrument: ICP2 — Analyzed: 10-Sep-2018 14:19

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGI0150 — Sample Size: 25 mL (wet)
Prepared: 07-Sep-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0641**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Sep-2018 15:08

SO-TC-50A-090518

18I0035-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/05/2018 09:00

Instrument: Accumet AR60 — Analyzed: 07-Sep-2018 14:34

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0159 — Sample Size: 20.81 g (wet)
Prepared: 07-Sep-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.04**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Sep-2018 15:08

SO-TC-50B-090518

18I0035-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/05/2018 09:10

Instrument: ICP2 — Analyzed: 10-Sep-2018 14:23

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGI0150 — Sample Size: 25 mL (wet)
Prepared: 07-Sep-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0564**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Sep-2018 15:08

SO-TC-50B-090518

18I0035-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/05/2018 09:10

Instrument: Accumet AR60 — Analyzed: 07-Sep-2018 14:34

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0159 — Sample Size: 20.03 g (wet)
Prepared: 07-Sep-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.15**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Sep-2018 15:08

SO-TC-50C-090518

18I0035-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/05/2018 09:20

Instrument: ICP2 — Analyzed: 10-Sep-2018 14:28

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGI0150 — Sample Size: 25 mL (wet)
Prepared: 07-Sep-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0398**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Sep-2018 15:08

SO-TC-50C-090518

18I0035-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/05/2018 09:20

Instrument: Accumet AR60 — Analyzed: 07-Sep-2018 14:34

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0159 — Sample Size: 20.14 g (wet)
Prepared: 07-Sep-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.06**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Sep-2018 15:08

Wet Chemistry - Quality Control

Batch BGI0159 - EPA 9045D

Instrument: Accumet AR60 Analyst: V

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGI0159-BS1)				Prepared: 07-Sep-2018 Analyzed: 07-Sep-2018 14:34							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	0-200			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Sep-2018 15:08

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Sep-2018 15:08

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

14 September 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18I0095	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.09.14 14:43:07 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Accredited in accordance with nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 1810095	Turn-around Requested: 3 Day	Date: 9/10/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 23.7
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Notes/Comments
SO-TC-51A-091018	09/10/18	09:00	Soil	1	✔	✔	
SO-TC-51B-091018	09/10/18	09:10	Soil	1	✔	✔	
SO-TC-51C-091018	09/10/18	09:20	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Stephanie Fishel	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 9/10/18 15:37	Date & Time: 9-10-18 1537	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Sep-2018 14:39

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-51A-091018	18I0095-01	Solid	10-Sep-2018 09:00	10-Sep-2018 15:37
SO-TC-51B-091018	18I0095-02	Solid	10-Sep-2018 09:10	10-Sep-2018 15:37
SO-TC-51C-091018	18I0095-03	Solid	10-Sep-2018 09:20	10-Sep-2018 15:37

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Sep-2018 14:39

Case Narrative

Sample receipt

One sample as listed on the preceding page was received September 10, 2018 under ARI work order 18I0095. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PESC

COC No(s): _____ (NA)

Assigned ARI Job No: 18I0095

Project Name: _____

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 23.7

Time: 1537

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D0072565

Cooler Accepted by: Set Date: 9-10-18 Time: 1537

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

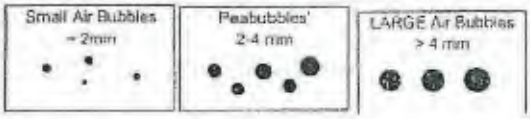
Samples Logged by: JLB Date: 9/10/18 Time: 1548

** *Notify Project Manager of discrepancies or concerns* **

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18I0095

Cooler#: 1 **Temperature(°C):** 23.7

Sample ID	Bottle Count	Bottle Type
SAMPLES recieved above 6°		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: Sat Date: 9-10-18 Time: 1537

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Sep-2018 14:39

SO-TC-51A-091018

18I0095-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/10/2018 09:00

Instrument: ICP2 — Analyzed: 13-Sep-2018 14:21

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGI0260 — Sample Size: 25 mL (wet)
Prepared: 12-Sep-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.144**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Sep-2018 14:39

SO-TC-51A-091018

18I0095-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/10/2018 09:00

Instrument: Accumet AR60 — Analyzed: 12-Sep-2018 11:11

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0255 — Sample Size: 20.31 g (wet)
Prepared: 12-Sep-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.55**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Sep-2018 14:39

SO-TC-51B-091018

18I0095-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/10/2018 09:10

Instrument: ICP2 — Analyzed: 13-Sep-2018 14:25

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGI0260 — Sample Size: 25 mL (wet)
Prepared: 12-Sep-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.197**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Sep-2018 14:39

SO-TC-51B-091018

18I0095-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/10/2018 09:10

Instrument: Accumet AR60 — Analyzed: 12-Sep-2018 11:11

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0255 — Sample Size: 20.29 g (wet)
Prepared: 12-Sep-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.76**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Sep-2018 14:39

SO-TC-51C-091018

18I0095-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/10/2018 09:20

Instrument: ICP2 — Analyzed: 13-Sep-2018 14:29

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGI0260 — Sample Size: 25 mL (wet)
Prepared: 12-Sep-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.169**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Sep-2018 14:39

SO-TC-51C-091018

18I0095-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/10/2018 09:20

Instrument: Accumet AR60 — Analyzed: 12-Sep-2018 11:11

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0255 — Sample Size: 20.83 g (wet)
Prepared: 12-Sep-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.95**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
14-Sep-2018 14:39

TCLP Metals and Metallic Compounds - Quality Control

Batch BGI0260 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGI0260-BLK1)					Prepared: 12-Sep-2018 Analyzed: 13-Sep-2018 13:10						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Sep-2018 14:39

Wet Chemistry - Quality Control

Batch BGI0255 - EPA 9045D

Instrument: Accumet AR60 Analyst: V

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGI0255-BS1)				Prepared: 12-Sep-2018 Analyzed: 12-Sep-2018 11:11							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Sep-2018 14:39

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Sep-2018 14:39

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

17 September 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18I0127	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.09.17 08:58:39 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18I0127	Turn-around Requested: 3 Day	Date: 9/11/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 22.1
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Notes/Comments
SO-TC-52A-091118	09/11/18	08:45	Soil	1	✔	✔	
SO-TC-52B-091118	09/11/18	08:55	Soil	1	✔	✔	
SO-TC-52C-091118	09/11/18	09:05	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Stephanie Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 9/11/18 17:00	Date & Time: 9-11-18 1700	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

17 September 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18I0128	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.09.17 08:59:08 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18I0128	Turn-around Requested: 3 Day	Date: 9/11/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 22.1
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Notes/Comments
SO-TC-53A-091118	09/11/18	15:00	Soil	1	✔	✔	
SO-TC-53B-091118	09/11/18	15:10	Soil	1	✔	✔	
SO-TC-53C-091118	09/11/18	15:20	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Stephanie Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 9/11/18 17:01	Date & Time: 9-11-18 1700	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Sep-2018 08:56

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-53A-091118	18I0128-01	Solid	11-Sep-2018 15:00	11-Sep-2018 17:00
SO-TC-53B-091118	18I0128-02	Solid	11-Sep-2018 15:10	11-Sep-2018 17:00
SO-TC-53C-091118	18I0128-03	Solid	11-Sep-2018 15:20	11-Sep-2018 17:00

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Sep-2018 08:56

Case Narrative

Sample receipt

One sample as listed on the preceding page was received September 11, 2018 under ARI work order 18I0128. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Pesc

COC No(s): _____ (NA)

Assigned ARI Job No: 18I0128

Project Name: _____

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 22.1

Time: 1700

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00565

Cooler Accepted by: Sef Date: 9-11-18 Time: 1700

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI: (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

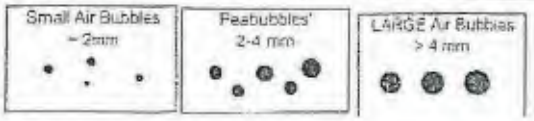
Samples Logged by: Sef Date: 9-11-18 Time: 1716

** *Notify Project Manager of discrepancies or concerns* **

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18I0128

Cooler#: 1 Temperature(°C): 22.1

Sample ID	Bottle Count	Bottle Type
Samples received above 6°		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: Eaf Date: 9-11-18 Time: 1700

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Sep-2018 08:56

SO-TC-53A-091118

18I0128-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/11/2018 15:00

Instrument: ICP2 Analyst: MCB — Analyzed: 13-Sep-2018 20:40

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGI0296 — Sample Size: 25 mL (wet)
Prepared: 13-Sep-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.124**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Sep-2018 08:56

SO-TC-53A-091118

18I0128-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/11/2018 15:00

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 12-Sep-2018 11:11

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0255 — Sample Size: 20.47 g (wet)
Prepared: 12-Sep-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.11**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Sep-2018 08:56

SO-TC-53B-091118

18I0128-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/11/2018 15:10

Instrument: ICP2 Analyst: MCB — Analyzed: 13-Sep-2018 20:44

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGI0296 — Sample Size: 25 mL (wet)
Prepared: 13-Sep-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.138**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Sep-2018 08:56

SO-TC-53B-091118

18I0128-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/11/2018 15:10

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 12-Sep-2018 11:11

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0255 — Sample Size: 20.77 g (wet)
Prepared: 12-Sep-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.99**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Sep-2018 08:56

SO-TC-53C-091118

18I0128-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/11/2018 15:20

Instrument: ICP2 Analyst: MCB — Analyzed: 13-Sep-2018 20:48

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGI0296 — Sample Size: 25 mL (wet)
Prepared: 13-Sep-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0611**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Sep-2018 08:56

SO-TC-53C-091118

18I0128-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/11/2018 15:20

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 12-Sep-2018 11:11

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0255 — Sample Size: 20.01 g (wet)
Prepared: 12-Sep-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.19**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
17-Sep-2018 08:56

TCLP Metals and Metallic Compounds - Quality Control

Batch BGI0296 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGI0296-BLK1)					Prepared: 13-Sep-2018 Analyzed: 13-Sep-2018 19:50						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
17-Sep-2018 08:56

Wet Chemistry - Quality Control

Batch BGI0255 - EPA 9045D

Instrument: Accumet AR60 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGI0255-BS1)				Prepared: 12-Sep-2018 Analyzed: 12-Sep-2018 11:11							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Sep-2018 08:56

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Sep-2018 08:56

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

21 September 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18I0245	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.09.21 11:00:16 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18I0245	Turn-around Requested: 3 Day	Date: 9/17/18	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps: 23.6
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	PH 9045C							Notes/Comments
					Analysis Requested								
SO-TC-54A-091718	09/17/18	08:00	Soil	1	✔	✔							
SO-TC-54B-091718	09/17/17	08:10	Soil	1	✔	✔							
SO-TC-54C-091718	09/17/18	08:20	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jasmine Bauman	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 9/17/18 17:02	Date & Time: 9/17/18 1702	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Sep-2018 10:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-54A-091718	18I0245-01	Solid	17-Sep-2018 08:00	17-Sep-2018 17:02
SO-TC-54B-091718	18I0245-02	Solid	17-Sep-2018 08:10	17-Sep-2018 17:02
SO-TC-54C-091718	18I0245-03	Solid	17-Sep-2018 08:20	17-Sep-2018 17:02

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Sep-2018 10:53

Case Narrative

Sample receipt

Samples as listed on the preceding page were received September 17, 2018 under ARI work order 18I0245. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: _____

COC No(s): _____ NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18I0245

Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 23.6 °C

Time: 1702

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D005206

Cooler Accepted by: JLB Date: 9/17/18 Time: 1702

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A

Was sufficient ice used (if appropriate)? NA YES (NO)

Were all bottles sealed in individual plastic bags? YES (NO)

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)... (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA)

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JLB Date: 9/17/18 Time: 1710

** *Notify Project Manager of discrepancies or concerns* **

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Small → "sm" (< 2 mm)

Peabubbles → "pb" (2 to < 4 mm)

Large → "lg" (4 to < 6 mm)

Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 1810245

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type
Samples out of temp		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: JLB Date: 9/17/18 Time: 1702

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Sep-2018 10:53

SO-TC-54A-091718

18I0245-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/17/2018 08:00

Instrument: ICP2 Analyst: MCB — Analyzed: 20-Sep-2018 13:30

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGI0482 — Sample Size: 25 mL (wet)
Prepared: 19-Sep-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0797**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Sep-2018 10:53

SO-TC-54A-091718

18I0245-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/17/2018 08:00

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 20-Sep-2018 12:06

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0537 — Sample Size: 20.52 g (wet)
Prepared: 20-Sep-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.99**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Sep-2018 10:53

SO-TC-54B-091718

18I0245-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/17/2018 08:10

Instrument: ICP2 Analyst: MCB — Analyzed: 20-Sep-2018 13:34

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGI0482 — Sample Size: 25 mL (wet)
Prepared: 19-Sep-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0818**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Sep-2018 10:53

SO-TC-54B-091718

18I0245-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/17/2018 08:10

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 20-Sep-2018 12:06

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0537 — Sample Size: 20.43 g (wet)
Prepared: 20-Sep-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.90**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Sep-2018 10:53

SO-TC-54C-091718

18I0245-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/17/2018 08:20

Instrument: ICP2 Analyst: MCB — Analyzed: 20-Sep-2018 13:38

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGI0482 — Sample Size: 25 mL (wet)
Prepared: 19-Sep-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0756**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Sep-2018 10:53

SO-TC-54C-091718

18I0245-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/17/2018 08:20

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 20-Sep-2018 12:06

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0537 — Sample Size: 20.47 g (wet)
Prepared: 20-Sep-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.95**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
21-Sep-2018 10:53

TCLP Metals and Metallic Compounds - Quality Control

Batch BGI0482 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGI0482-BLK1)	Prepared: 19-Sep-2018 Analyzed: 20-Sep-2018 13:13										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
21-Sep-2018 10:53

Wet Chemistry - Quality Control

Batch BGI0537 - EPA 9045D

Instrument: Accumet AR60 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGI0537-BS1)				Prepared: 20-Sep-2018 Analyzed: 20-Sep-2018 12:06							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	0-200			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Sep-2018 10:53

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Sep-2018 10:53

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

21 September 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18I0246	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.09.21 11:00:54 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18I0246	Turn-around Requested: 3 Day	Date: 9/17/18	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps: 23.4
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	PH 9045C	Analysis Requested						Notes/Comments
SO-TC-55A-091718	09/17/18	13:00	Soil	1	✔	✔							
SO-TC-55B-091718	09/17/17	13:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jasmine Bowmer	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 9/17/18 17:02	Date & Time: 9/17/18 1702	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Sep-2018 10:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-55A-091718	18I0246-01	Solid	17-Sep-2018 13:00	17-Sep-2018 17:02
SO-TC-55B-091718	18I0246-02	Solid	17-Sep-2018 13:30	17-Sep-2018 17:02

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Sep-2018 10:58

Case Narrative

Sample receipt

Samples as listed on the preceding page were received September 17, 2018 under ARI work order 18I0246. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: _____

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18I0246 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 23.6 °C

Time: 1702

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D05206

Cooler Accepted by: JTB Date: 9/17/18 Time: 1702

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N A

Was sufficient ice used (if appropriate)? NA YES (NO)

Were all bottles sealed in individual plastic bags? YES (NO)

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA)

Was Sample Split by ARI: (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JTB Date: 9/17/18 Time: 1713

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: _____ Date: _____

Small → "sm" (< 2 mm)

Peabubbles → "pb" (2 to < 4 mm)

Large → "lg" (4 to < 6 mm)

Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18I0246

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type
Samples out of temp.		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JLB Date: 9/17/18 Time: 1702

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Sep-2018 10:58

SO-TC-55A-091718

18I0246-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/17/2018 13:00

Instrument: ICP2 Analyst: MCB — Analyzed: 19-Sep-2018 19:14

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGI0482 — Sample Size: 25 mL (wet)
Prepared: 19-Sep-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.320**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**3.40**	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Sep-2018 10:58

SO-TC-55A-091718

18I0246-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/17/2018 13:00

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 20-Sep-2018 12:06

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0537 — Sample Size: 20.83 g (wet)
Prepared: 20-Sep-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.43**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Sep-2018 10:58

SO-TC-55B-091718

18I0246-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/17/2018 13:30

Instrument: ICP2 Analyst: MCB — Analyzed: 19-Sep-2018 19:18

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGI0482 — Sample Size: 25 mL (wet)
Prepared: 19-Sep-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.176**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**1.71**	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Sep-2018 10:58

SO-TC-55B-091718

18I0246-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/17/2018 13:30

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 20-Sep-2018 12:06

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0537 — Sample Size: 20.99 g (wet)
Prepared: 20-Sep-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.35**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
21-Sep-2018 10:58

TCLP Metals and Metallic Compounds - Quality Control

Batch BGI0482 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGI0482-BLK1)					Prepared: 19-Sep-2018 Analyzed: 20-Sep-2018 13:13						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
21-Sep-2018 10:58

Wet Chemistry - Quality Control

Batch BGI0537 - EPA 9045D

Instrument: Accumet AR60 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGI0537-BS1)				Prepared: 20-Sep-2018 Analyzed: 20-Sep-2018 12:06							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	0-200			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Sep-2018 10:58

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Sep-2018 10:58

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

24 September 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18I0278	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.09.24 11:56:33 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18J0278	Turn-around Requested: 2 Day	Date: 9/19/18	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 22.9°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Duggan		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-56A-091818	09/18/18	14:00	Soil	1	✔	✔							
SO-TC-56B-091818	09/18/18	14:10	Soil	1	✔	✔							
SO-TC-56C-091818	09/18/18	14:20	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: ~~Jeff~~ King	Printed Name: Jacob Salter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 9/19/18 13:12	Date & Time: 09/19/18 1312	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Sep-2018 11:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-56A-091818	18I0278-01	Solid	18-Sep-2018 14:00	19-Sep-2018 13:12
SO-TC-56B-091818	18I0278-02	Solid	18-Sep-2018 14:10	19-Sep-2018 13:12
SO-TC-56C-091818	18I0278-03	Solid	18-Sep-2018 14:20	19-Sep-2018 13:12

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Sep-2018 11:45

Case Narrative

Sample receipt

Samples as listed on the preceding page were received September 19, 2018 under ARI work order 18I0278. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The Duplicate RPD and Matrix Spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other: _____

Assigned ARI Job No: 1870278 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry): 22.9°C

Time: 1312

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00)206

Cooler Accepted by: JDW Date: 09/19/18 Time: 1312

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JDW Date: 09/19/18 Time: 1324

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18I0278

Cooler#: _____ **Temperature(°C):** 22.9°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JSm Date: 09/19/18 Time: 1312

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Sep-2018 11:45

SO-TC-56A-091818

18I0278-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/18/2018 14:00

Instrument: ICP2 Analyst: MCB — Analyzed: 21-Sep-2018 15:43

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate

Preparation Batch: BGI0542 — Sample Size: 25 mL (wet) — Dry Weight:17.77 mL

Prepared: 20-Sep-2018 — Final Volume: 25 mL — % Solids: 71.10

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0842**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Sep-2018 11:45

SO-TC-56A-091818

18I0278-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/18/2018 14:00

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 20-Sep-2018 12:06

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0537 — Sample Size: 20.33 g (wet) — Dry Weight:14.45 g
Prepared: 20-Sep-2018 — Final Volume: 20 mL — % Solids: 71.10

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.05**	pH Units	

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Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Sep-2018 11:45

SO-TC-56B-091818

18I0278-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/18/2018 14:10

Instrument: ICP2 Analyst: MCB — Analyzed: 21-Sep-2018 14:44

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate

Preparation Batch: BGI0542 — Sample Size: 25 mL (wet) — Dry Weight:18.01 mL

Prepared: 20-Sep-2018 — Final Volume: 25 mL — % Solids: 72.03

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0759**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Sep-2018 11:45

SO-TC-56B-091818

18I0278-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/18/2018 14:10

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 20-Sep-2018 12:06

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0537 — Sample Size: 20.05 g (wet) — Dry Weight:14.44 g
Prepared: 20-Sep-2018 — Final Volume: 20 mL — % Solids: 72.03

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.83**	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Sep-2018 11:45

SO-TC-56C-091818

18I0278-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/18/2018 14:20

Instrument: ICP2 Analyst: MCB — Analyzed: 21-Sep-2018 14:48

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate

Preparation Batch: BGI0542 — Sample Size: 25 mL (wet) — Dry Weight:18.62 mL

Prepared: 20-Sep-2018 — Final Volume: 25 mL — % Solids: 74.48

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0747**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Sep-2018 11:45

SO-TC-56C-091818

18I0278-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/18/2018 14:20

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 20-Sep-2018 12:06

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0537 — Sample Size: 20.52 g (wet) — Dry Weight:15.28 g
Prepared: 20-Sep-2018 — Final Volume: 20 mL — % Solids: 74.48

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.05**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
24-Sep-2018 11:45

TCLP Metals and Metallic Compounds - Quality Control

Batch BGI0542 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGI0542-BLK1)	Prepared: 20-Sep-2018 Analyzed: 21-Sep-2018 14:31										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGI0542-DUP1)	**Source: 18I0278-01**			Prepared: 20-Sep-2018 Analyzed: 21-Sep-2018 15:47							
Arsenic	0.0685	0.0140	0.250	mg/L		0.0842			20.60	20	L, J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BGI0542-MS1)	**Source: 18I0278-01**			Prepared: 20-Sep-2018 Analyzed: 21-Sep-2018 15:51							
Arsenic	3.97	0.0140	0.250	mg/L	4.00	0.0842	97.1	75-125			
Lead	3.66	0.0065	0.100	mg/L	4.00	ND	91.4	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
24-Sep-2018 11:45

Wet Chemistry - Quality Control

Batch BGI0537 - EPA 9045D

Instrument: Accumet AR60 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGI0537-BS1)	Prepared: 20-Sep-2018 Analyzed: 20-Sep-2018 12:06										
pH	6.98	0.01	0.01	pH Units	7.00		99.7	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Sep-2018 11:45

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	24-Sep-2018 11:45

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

28 September 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18I0352	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.09.28 11:46:49 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18I0352	Turn-around Requested: 3 Day	Date: 9/24/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 2.3
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Duggan		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Notes/Comments
SO-TC-57A-092418	09/24/18	07:40	Soil	1	✔	✔	
SO-TC-57B-092418	09/24/18	07:50	Soil	1	✔	✔	
SO-TC-57C-092418	09/24/18	08:00	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Stephanie Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 9/24/18 16:25	Date & Time: 9-24-18 1635	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2018 11:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-57A-092418	18I0352-01	Solid	24-Sep-2018 07:40	24-Sep-2018 16:35
SO-TC-57B-092418	18I0352-02	Solid	24-Sep-2018 07:50	24-Sep-2018 16:35
SO-TC-57C-092418	18I0352-03	Solid	24-Sep-2018 08:00	24-Sep-2018 16:35

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2018 11:38

Case Narrative

Sample receipt

Samples as listed on the preceding page were received September 24, 2018 under ARI work order 18I0352. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PESC

COC No(s): _____ NA

Assigned ARI Job No: 18I0352

Project Name: _____

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 22.3

Time: 1635

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00756S

Cooler Accepted by: Set Date: 9-24-18 Time: 1635

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ..	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
Were all bottles sealed in individual plastic bags?		YES	NO
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Was Sample Split by ARI : NA YES Date/Time: _____ Equipment: _____ Split by: _____

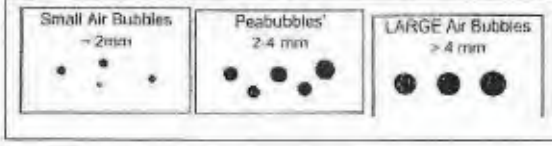
Samples Logged by: Set Date: 9-24-18 Time: 1750

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

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Cooler Temperature Compliance Form

ARI Work Order: 18I0352

Cooler#: 1 **Temperature(°C):** 23.3

Sample ID	Bottle Count	Bottle Type
Samples received above		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: SEF Date: 9-24-18 Time: 1635

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2018 11:38

SO-TC-57A-092418

18I0352-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/24/2018 07:40

Instrument: ICP2 Analyst: MCB — Analyzed: 27-Sep-2018 15:04

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGI0709 — Sample Size: 25 mL (wet)
Prepared: 26-Sep-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.138**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2018 11:38

SO-TC-57A-092418

18I0352-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/24/2018 07:40

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 27-Sep-2018 08:37

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0738 — Sample Size: 20.06 g (wet)
Prepared: 27-Sep-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.52**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2018 11:38

SO-TC-57B-092418

18I0352-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/24/2018 07:50

Instrument: ICP2 Analyst: MCB — Analyzed: 27-Sep-2018 15:09

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGI0709 — Sample Size: 25 mL (wet)
Prepared: 26-Sep-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.137**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2018 11:38

SO-TC-57B-092418

18I0352-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/24/2018 07:50

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 27-Sep-2018 08:37

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0738 — Sample Size: 20.64 g (wet)
Prepared: 27-Sep-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.29**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2018 11:38

SO-TC-57C-092418

18I0352-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/24/2018 08:00

Instrument: ICP2 Analyst: MCB — Analyzed: 27-Sep-2018 15:13

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGI0709 — Sample Size: 25 mL (wet)
Prepared: 26-Sep-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.141**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2018 11:38

SO-TC-57C-092418

18I0352-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/24/2018 08:00

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 27-Sep-2018 08:37

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGI0738 — Sample Size: 20.06 g (wet)
Prepared: 27-Sep-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.63**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2018 11:38

TCLP Metals and Metallic Compounds - Quality Control

Batch BGI0709 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGI0709-BLK1)					Prepared: 26-Sep-2018 Analyzed: 27-Sep-2018 14:47						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2018 11:38

Wet Chemistry - Quality Control

Batch BGI0738 - EPA 9045D

Instrument: Accumet AR60 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGI0738-BS1)				Prepared: 27-Sep-2018 Analyzed: 27-Sep-2018 08:37							
pH	7.00	0.01	0.01	pH Units	7.00		100	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2018 11:38

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	28-Sep-2018 11:38

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

08 October 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18J0025	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.10.08 13:04:49 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18J0025	Turn-around Requested: 3 Day	Date: 10/1/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 23.8°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Duggan		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-58A-100118	10/01/18	15:15	Soil	1	✔	✔							
SO-TC-58B-100118	10/01/18	15:25	Soil	1	✔	✔							
SO-TC-58C-100118	10/01/18	15:35	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/1/18 16:28	Date & Time: 10/01/18 1628	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Oct-2018 13:01

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-58A-100118	18J0025-01	Solid	01-Oct-2018 15:15	01-Oct-2018 16:28
SO-TC-58B-100118	18J0025-02	Solid	01-Oct-2018 15:25	01-Oct-2018 16:28
SO-TC-58C-100118	18J0025-03	Solid	01-Oct-2018 15:35	01-Oct-2018 16:28

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Oct-2018 13:01

Case Narrative

Sample receipt

Samples as listed on the preceding page were received October 1, 2018 under ARI work order 18J0025. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

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Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18J0025 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 23.8°C
Time: 1628

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D0005206

Cooler Accepted by: JSW Date: 10/01/18 Time: 1628

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES (NO)

Were all bottles sealed in individual plastic bags? YES (NO)

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)... (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI... (NA) _____

Was Sample Split by ARI: (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

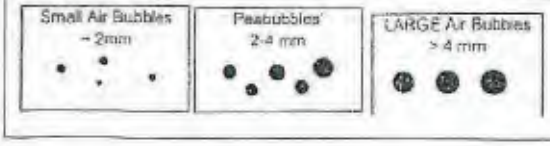
Samples Logged by: JSW Date: 10/01/18 Time: 1644

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)

Peabubbles → "pb" (2 to < 4 mm)

Large → "lg" (4 to < 6 mm)

Headspace → "hs" (> 6 mm)

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Cooler Temperature Compliance Form

ARI Work Order: 18J0025

Cooler#: _____ **Temperature(°C):** 23.8°C

Sample ID	Bottle Count	Bottle Type
Samples received at ave 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JSW Date: 10/01/18 Time: 1628

Analytical Resources, Incorporated
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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Oct-2018 13:01

SO-TC-58A-100118

18J0025-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/01/2018 15:15

Instrument: ICP2 Analyst: TCH — Analyzed: 05-Oct-2018 10:51

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate

Preparation Batch: BGJ0168 — Sample Size: 25 mL (wet) — Dry Weight:16.79 mL

Prepared: 04-Oct-2018 — Final Volume: 25 mL — % Solids: 67.16

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.280**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.0569**	mg/L	J

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Oct-2018 13:01

SO-TC-58A-100118

18J0025-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/01/2018 15:15

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 03-Oct-2018 07:18

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGJ0110 — Sample Size: 20.17 g (wet) — Dry Weight:13.55 g
Prepared: 03-Oct-2018 — Final Volume: 20 mL — % Solids: 67.16

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.94**	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Oct-2018 13:01

SO-TC-58A-100118

18J0025-01 (Solid)

Wet Chemistry

Method: SM 2540 G-97 — Sampled: 10/01/2018 15:15

Instrument: BAL2 Analyst: KLE — Analyzed: 03-Oct-2018 06:38

Sample Preparation: Preparation Method: No Prep Wet Chem

Preparation Batch: BGJ0111 — Sample Size: 10 g (wet) — Dry Weight:6.72 g

Prepared: 03-Oct-2018 — Final Volume: 10 g — % Solids: 67.16

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Solids		1	0.04	0.04	**67.16**	%	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Oct-2018 13:01

SO-TC-58B-100118

18J0025-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/01/2018 15:25

Instrument: ICP2 Analyst: TCH — Analyzed: 05-Oct-2018 10:55

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate

Preparation Batch: BGJ0168 — Sample Size: 25 mL (wet) — Dry Weight:19.35 mL

Prepared: 04-Oct-2018 — Final Volume: 25 mL — % Solids: 77.42

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0999**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Oct-2018 13:01

SO-TC-58B-100118

18J0025-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/01/2018 15:25

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 03-Oct-2018 07:18

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGJ0110 — Sample Size: 20.35 g (wet) — Dry Weight:15.75 g
Prepared: 03-Oct-2018 — Final Volume: 20 mL — % Solids: 77.42

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.85**	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Oct-2018 13:01

SO-TC-58B-100118

18J0025-02 (Solid)

Wet Chemistry

Method: SM 2540 G-97 — Sampled: 10/01/2018 15:25

Instrument: BAL2 Analyst: KLE — Analyzed: 03-Oct-2018 06:38

Sample Preparation: Preparation Method: No Prep Wet Chem

Preparation Batch: BGJ0111 — Sample Size: 10 g (wet) — Dry Weight:7.74 g

Prepared: 03-Oct-2018 — Final Volume: 10 g — % Solids: 77.42

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Solids		1	0.04	0.04	**77.42**	%	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Oct-2018 13:01

SO-TC-58C-100118

18J0025-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/01/2018 15:35

Instrument: ICP2 Analyst: TCH — Analyzed: 05-Oct-2018 11:00

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate

Preparation Batch: BGJ0168 — Sample Size: 25 mL (wet) — Dry Weight:18.85 mL

Prepared: 04-Oct-2018 — Final Volume: 25 mL — % Solids: 75.38

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0942**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Oct-2018 13:01

SO-TC-58C-100118

18J0025-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/01/2018 15:35

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 03-Oct-2018 07:18

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGJ0110 — Sample Size: 20.28 g (wet) — Dry Weight:15.29 g
Prepared: 03-Oct-2018 — Final Volume: 20 mL — % Solids: 75.38

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.93**	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Oct-2018 13:01

SO-TC-58C-100118

18J0025-03 (Solid)

Wet Chemistry

Method: SM 2540 G-97 — Sampled: 10/01/2018 15:35

Instrument: BAL2 Analyst: KLE — Analyzed: 03-Oct-2018 06:38

Sample Preparation: Preparation Method: No Prep Wet Chem

Preparation Batch: BGJ0111 — Sample Size: 10 g (wet) — Dry Weight:7.54 g

Prepared: 03-Oct-2018 — Final Volume: 10 g — % Solids: 75.38

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Solids		1	0.04	0.04	**75.38**	%	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Oct-2018 13:01

TCLP Metals and Metallic Compounds - Quality Control

Batch BGJ0168 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGJ0168-BLK1)	Prepared: 04-Oct-2018 Analyzed: 05-Oct-2018 10:43										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Oct-2018 13:01

Wet Chemistry - Quality Control

Batch BGJ0110 - EPA 9045D

Instrument: Accumet AR60 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGJ0110-BS1)				Prepared: 03-Oct-2018 Analyzed: 03-Oct-2018 07:18							
pH	7.02	0.01	0.01	pH Units	17.5		40.1	0-200			
Duplicate (BGJ0110-DUP1)		**Source: 18J0025-01**		Prepared: 03-Oct-2018 Analyzed: 03-Oct-2018 07:18							
pH	8.98	0.01	0.01	pH Units		8.94			0.45	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
08-Oct-2018 13:01

Wet Chemistry - Quality Control

Batch BGJ0111 - No Prep Wet Chem

Instrument: BAL2 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGJ0111-BLK1)				Prepared: 03-Oct-2018 Analyzed: 03-Oct-2018 06:38							
Total Solids	ND	0.04	0.04	%							U
Duplicate (BGJ0111-DUP1)		**Source: 18J0025-01**		Prepared: 03-Oct-2018 Analyzed: 03-Oct-2018 06:38							
Total Solids	67.96	0.04	0.04	%		67.16			1.19	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Oct-2018 13:01

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	08-Oct-2018 13:01

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

11 October 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18J0047	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.10.11 17:18:42 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18J0047	Turn-around Requested: 3 Day	Date: 10/2/18	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 93.3°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Notes/Comments
SO-TC-59A-100218	10/02/18	15:00	Soil	1	✔	✔	
SO-TC-59B-100218	10/02/18	15:10	Soil	1	✔	✔	
SO-TC-59C-100218	10/02/18	15:20	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Hatter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/2/18 16:51	Date & Time: 10/02/18 1651	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Oct-2018 17:15

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-59A-100218	18J0047-01	Solid	02-Oct-2018 15:00	02-Oct-2018 16:51
SO-TC-59B-100218	18J0047-02	Solid	02-Oct-2018 15:10	02-Oct-2018 16:51
SO-TC-59C-100218	18J0047-03	Solid	02-Oct-2018 15:20	02-Oct-2018 16:51

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Oct-2018 17:15

Case Narrative

Sample receipt

Samples as listed on the preceding page were received October 2, 2018 under ARI work order 18J0047. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The Duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Syperlon Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18J0047 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 23.3C

Time: 1651

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 90005206

Cooler Accepted by: JAM Date: 10/02/18 Time: 1651

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES (NO)

Were all bottles sealed in individual plastic bags? YES (NO)

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)... (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI. (NA) _____

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

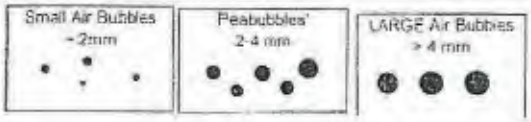
Samples Logged by: JAM Date: 10/02/18 Time: 1707

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)

Peabubbles → "pb" (2 to < 4 mm)

Large → "lg" (4 to < 6 mm)

Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18J0047

Cooler#: _____ **Temperature(°C):** 23.3°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JJ Date: 10/02/18 Time: 1651

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Oct-2018 17:15

SO-TC-59A-100218

18J0047-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/02/2018 15:00

Instrument: ICP2 Analyst: MCB — Analyzed: 11-Oct-2018 02:21

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGJ0254 — Sample Size: 25 mL (wet)
Prepared: 08-Oct-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0619**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Oct-2018 17:15

SO-TC-59A-100218

18J0047-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/02/2018 15:00

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 05-Oct-2018 07:36

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGJ0209 — Sample Size: 20.21 g (wet)
Prepared: 05-Oct-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.59**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Oct-2018 17:15

SO-TC-59B-100218

18J0047-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/02/2018 15:10

Instrument: ICP2 Analyst: MCB — Analyzed: 11-Oct-2018 02:26

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGJ0254 — Sample Size: 25 mL (wet)
Prepared: 08-Oct-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.105**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Oct-2018 17:15

SO-TC-59B-100218

18J0047-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/02/2018 15:10

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 05-Oct-2018 07:36

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGJ0209 — Sample Size: 20.43 g (wet)
Prepared: 05-Oct-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.52**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Oct-2018 17:15

SO-TC-59C-100218

18J0047-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/02/2018 15:20

Instrument: ICP2 Analyst: MCB — Analyzed: 11-Oct-2018 02:30

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGJ0254 — Sample Size: 25 mL (wet)
Prepared: 08-Oct-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0706**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Oct-2018 17:15

SO-TC-59C-100218

18J0047-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/02/2018 15:20

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 05-Oct-2018 07:36

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGJ0209 — Sample Size: 20.13 g (wet)
Prepared: 05-Oct-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.54**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
11-Oct-2018 17:15

TCLP Metals and Metallic Compounds - Quality Control

Batch BGJ0254 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGJ0254-BLK1)	Prepared: 08-Oct-2018 Analyzed: 11-Oct-2018 02:17										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Oct-2018 17:15

Wet Chemistry - Quality Control

Batch BGJ0209 - EPA 9045D

Instrument: Accumet AR60 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Duplicate (BGJ0209-DUP1)	**Source: 18J0047-01**			Prepared: 05-Oct-2018 Analyzed: 05-Oct-2018 07:36							
pH	8.62	0.01	0.01	pH Units		8.59			0.35	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Oct-2018 17:15

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Oct-2018 17:15

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

15 October 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18J0176	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.10.15 11:31:50 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18J0176	Turn-around Requested: 3 Day	Date: 10/08/18	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 20.7
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Notes/Comments
SO-TC-60A-100818	10/08/18	13:50	Soil	1	✔	✔	
SO-TC-60B-100818	10/08/18	14:00	Soil	1	✔	✔	
SO-TC-60C-100818	10/08/18	14:10	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Stephanie Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/8/18 16:45	Date & Time: 10-8-18 1645	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2018 11:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-60A-100818	18J0176-01	Solid	08-Oct-2018 13:50	08-Oct-2018 16:45
SO-TC-60B-100818	18J0176-02	Solid	08-Oct-2018 14:00	08-Oct-2018 16:45
SO-TC-60C-100818	18J0176-03	Solid	08-Oct-2018 14:10	08-Oct-2018 16:45

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2018 11:28

Case Narrative

Sample receipt

Samples as listed on the preceding page were received October 8, 2018 under ARI work order 18J0176. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Perc Project Name: _____

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18J0176 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 20.7

Time: 1675

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00256S

Cooler Accepted by: SeF Date: 10-8-18 Time: 1675

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
Were all bottles sealed in individual plastic bags?		YES	NO
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Was Sample Split by ARI : NA YES Date/Time: _____ Equipment: _____ Split by: _____

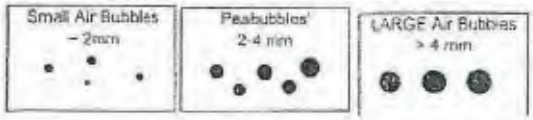
Samples Logged by: SeF Date: 10-8-18 Time: 1648

** *Notify Project Manager of discrepancies or concerns* **

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: _____ Date: _____



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18J0176

Cooler#: 1 Temperature(°C): 20.7

Sample ID	Bottle Count	Bottle Type
Samples received above 6°		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: Set Date: 10-8-18 Time: 1645

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2018 11:28

SO-TC-60A-100818

18J0176-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/08/2018 13:50

Instrument: ICP2 Analyst: TCH — Analyzed: 12-Oct-2018 09:00

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGJ0356 — Sample Size: 25 mL (wet)
Prepared: 10-Oct-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.362**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.213**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2018 11:28

SO-TC-60A-100818

18J0176-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/08/2018 13:50

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 11-Oct-2018 10:58

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGJ0389 — Sample Size: 20 g (wet)
Prepared: 11-Oct-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.98**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2018 11:28

SO-TC-60B-100818

18J0176-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/08/2018 14:00

Instrument: ICP2 Analyst: TCH — Analyzed: 12-Oct-2018 09:04

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGJ0356 — Sample Size: 25 mL (wet)
Prepared: 10-Oct-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.192**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2018 11:28

SO-TC-60B-100818

18J0176-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/08/2018 14:00

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 11-Oct-2018 10:58

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGJ0389 — Sample Size: 20 g (wet)
Prepared: 11-Oct-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.06**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2018 11:28

SO-TC-60C-100818

18J0176-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/08/2018 14:10

Instrument: ICP2 Analyst: TCH — Analyzed: 12-Oct-2018 09:09

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGJ0356 — Sample Size: 25 mL (wet)
Prepared: 10-Oct-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.138**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2018 11:28

SO-TC-60C-100818

18J0176-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/08/2018 14:10

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 11-Oct-2018 10:58

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGJ0389 — Sample Size: 20 g (wet)
Prepared: 11-Oct-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.87**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
15-Oct-2018 11:28

TCLP Metals and Metallic Compounds - Quality Control

Batch BGJ0356 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGJ0356-BLK1)				Prepared: 10-Oct-2018 Analyzed: 11-Oct-2018 08:44							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
15-Oct-2018 11:28

Wet Chemistry - Quality Control

Batch BGJ0389 - EPA 9045D

Instrument: Accumet AR60 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGJ0389-BS1)				Prepared: 11-Oct-2018 Analyzed: 11-Oct-2018 10:58							
pH	7.03	0.01	0.01	pH Units	7.00		100	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2018 11:28

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2018 11:28

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

22 October 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18J0267	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila,
o=Analytical Resources, Inc., ou=Client Services,
cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.10.22 10:54:38 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18J0267	Turn-around Requested: 3 Day	Date: 10/15/18	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: None	Cooler Temps: AMB
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Notes/Comments
SO-TC-62A-101518	10/15/18	15:20	Soil	1	✔	✔	
SO-TC-62B-101518	10/15/18	15:30	Soil	1	✔	✔	
SO-TC-62C-101518	10/15/18	15:40	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Sue Dennison	Printed Name:	Printed Name:
	Company: PERC	Company: AM	Company:	Company:
	Date & Time: 10/15/18 17:17	Date & Time: 10/15/18 17:17	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 10:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-62A-101518	18J0267-01	Solid	15-Oct-2018 15:20	15-Oct-2018 17:17
SO-TC-62B-101518	18J0267-02	Solid	15-Oct-2018 15:30	15-Oct-2018 17:17
SO-TC-62C-101518	18J0267-03	Solid	15-Oct-2018 15:40	15-Oct-2018 17:17

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 10:51

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received October 15, 2018 under ARI work order 18J0267. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The Duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18J0267 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 25.1 ___ ___ ___ ___ ___

Time: 1717

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DC05206

Cooler Accepted by: Sue Dunnihee Date: 10/15/18 Time: 1717

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: NA			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

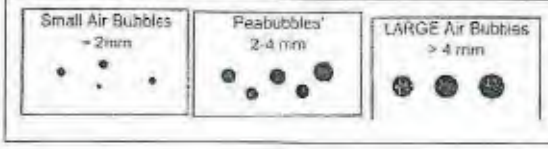
Samples Logged by: HB Date: 10/15/18 Time: 1752

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18J0267

Cooler#: _____ **Temperature(°C):** 25.1

Sample ID	Bottle Count	Bottle Type
Samples out of temp.		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: HB Date: 10/15/18 Time: 1717

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 10:51

SO-TC-62A-101518

18J0267-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/15/2018 15:20

Instrument: ICP2 Analyst: TCH — Analyzed: 10/17/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGJ0555 — Sample Size: 25 mL (wet)
Prepared: 17-Oct-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0625**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 10:51

SO-TC-62A-101518

18J0267-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/15/2018 15:20

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 10/17/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGJ0540 — Sample Size: 20 g (wet)
Prepared: 17-Oct-2018 — Final Volume: 20.12 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.16**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 10:51

SO-TC-62B-101518

18J0267-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/15/2018 15:30

Instrument: ICP2 Analyst: TCH — Analyzed: 10/17/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGJ0555 — Sample Size: 25 mL (wet)
Prepared: 17-Oct-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.156**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 10:51

SO-TC-62B-101518

18J0267-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/15/2018 15:30

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 10/17/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGJ0540 — Sample Size: 20 g (wet)
Prepared: 17-Oct-2018 — Final Volume: 20.13 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.36**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 10:51

SO-TC-62C-101518

18J0267-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/15/2018 15:40

Instrument: ICP2 Analyst: TCH — Analyzed: 10/17/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGJ0555 — Sample Size: 25 mL (wet)
Prepared: 17-Oct-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.475**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.0878**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 10:51

SO-TC-62C-101518

18J0267-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/15/2018 15:40

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 10/17/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGJ0540 — Sample Size: 20 g (wet)
Prepared: 17-Oct-2018 — Final Volume: 20.09 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.38**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
22-Oct-2018 10:51

TCLP Metals and Metallic Compounds - Quality Control

Batch BGJ0555 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGJ0555-BLK1)	Prepared: 17-Oct-2018 Analyzed: 17-Oct-2018 17:49										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 10:51

Wet Chemistry - Quality Control

Batch BGJ0540 - EPA 9045D

Instrument: Accumet AR60 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Duplicate (BGJ0540-DUP1)	**Source: 18J0267-01**			Prepared: 17-Oct-2018 Analyzed: 17-Oct-2018 06:54							
pH	9.14	0.01	0.01	pH Units		9.16			0.22	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 10:51

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 10:51

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

22 October 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18J0294	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.10.22 16:19:00 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18J0294	Turn-around Requested: 3 Day	Date: 10/16/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps: 21.9
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-63A-101618	10/16/18	10:20	Soil	1	✔	✔							
SO-TC-63B-101618	10/16/18	10:30	Soil	1	✔	✔							
SO-TC-63C-101618	10/16/18	10:40	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jasmine Bauman	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/16/18 16:39	Date & Time: 10/16/18 1639	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 16:10

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-63A-101618	18J0294-01	Solid	16-Oct-2018 10:20	16-Oct-2018 16:39
SO-TC-63B-101618	18J0294-02	Solid	16-Oct-2018 10:30	16-Oct-2018 16:39
SO-TC-63C-101618	18J0294-03	Solid	16-Oct-2018 10:40	16-Oct-2018 16:39

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 16:10

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received October 16, 2018 under ARI work order 18J0294. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The Duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastic

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18J0294 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)
Time: 1639 21.9

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00206

Cooler Accepted by: JLB Date: 10/16/18 Time: 1639

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: NA			
Was sufficient ice used (if appropriate)?	NA	YES	NO
Were all bottles sealed in individual plastic bags?		YES	NO
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Was Sample Split by ARI : NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JLB Date: 10/16/18 Time: 1703

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: _____ Date: _____

Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18J0294

Cooler#: _____ **Temperature(°C):** 21.9

Sample ID	Bottle Count	Bottle Type
All Samples out of temp.		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: HB Date: 10/16/18 Time: 1639

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 16:10

SO-TC-63A-101618

18J0294-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/16/2018 10:20

Instrument: ICP2 Analyst: TCH — Analyzed: 10/19/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGJ0587 — Sample Size: 25 mL (wet)
Prepared: 18-Oct-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.678**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 16:10

SO-TC-63A-101618

18J0294-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/16/2018 10:20

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 10/22/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGJ0676 — Sample Size: 20.01 g (wet)
Prepared: 22-Oct-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.11**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 16:10

SO-TC-63B-101618

18J0294-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/16/2018 10:30

Instrument: ICP2 Analyst: TCH — Analyzed: 10/19/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGJ0587 — Sample Size: 25 mL (wet)
Prepared: 18-Oct-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.958**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.0471**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 16:10

SO-TC-63B-101618

18J0294-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/16/2018 10:30

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 10/22/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGJ0676 — Sample Size: 20.08 g (wet)
Prepared: 22-Oct-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.99**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 16:10

SO-TC-63C-101618

18J0294-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/16/2018 10:40

Instrument: ICP2 Analyst: TCH — Analyzed: 10/19/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGJ0587 — Sample Size: 25 mL (wet)
Prepared: 18-Oct-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**1.72**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.488**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 16:10

SO-TC-63C-101618

18J0294-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/16/2018 10:40

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 10/22/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGJ0676 — Sample Size: 20.08 g (wet)
Prepared: 22-Oct-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.03**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
22-Oct-2018 16:10

TCLP Metals and Metallic Compounds - Quality Control

Batch BGJ0587 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGJ0587-BLK1)	Prepared: 18-Oct-2018 Analyzed: 19-Oct-2018 11:45										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 16:10

Wet Chemistry - Quality Control

Batch BGJ0676 - EPA 9045D

Instrument: Accumet AR60 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGJ0676-BS1)				Prepared: 22-Oct-2018 Analyzed: 22-Oct-2018 12:18							
pH	7.00	0.01	0.01	pH Units	7.00		100	0-200			
Duplicate (BGJ0676-DUP1)		**Source: 18J0294-01**		Prepared: 22-Oct-2018 Analyzed: 22-Oct-2018 12:18							
pH	9.09	0.01	0.01	pH Units		9.11			0.22	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 16:10

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	22-Oct-2018 16:10

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

22 October 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18J0313	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.10.22 16:19:31 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18J0313	Turn-around Requested: 2 Day	Date: 10/17/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-64A-101718	10/17/18	14:40	Soil	1	✔	✔							
SO-TC-64B-101718	10/17/18	14:50	Soil	1	✔	✔							
SO-TC-64C-101718	10/17/18	15:00	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Jeff King	Printed Name: Jasmine Bauman	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/17/18 4:10P	Date & Time: 10/17/18 1616	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 16:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-64A-101718	18J0313-01	Solid	17-Oct-2018 14:40	17-Oct-2018 16:16
SO-TC-64B-101718	18J0313-02	Solid	17-Oct-2018 14:50	17-Oct-2018 16:16
SO-TC-64C-101718	18J0313-03	Solid	17-Oct-2018 15:00	17-Oct-2018 16:16

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 16:13

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received October 17, 2018 under ARI work order 18J0313. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The Duplicate RPD and Matrix Spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon

COC No(s): _____ NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18J0313

Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 24.9

Time: 1616

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00526

Cooler Accepted by: JTB Date: 10/17/18 Time: 1616

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: NA			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

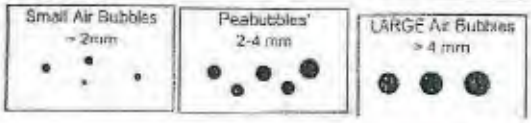
Samples Logged by: JTB Date: 10/17/18 Time: 1630

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18J0313

Cooler#: _____ **Temperature(°C):** 24.9

Sample ID	Bottle Count	Bottle Type
All Samples out of temp		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JLB Date: 10/17/18 Time: 1620

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 16:13

SO-TC-64A-101718

18J0313-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/17/2018 14:40

Instrument: ICP2 Analyst: TCH — Analyzed: 10/19/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGJ0636 — Sample Size: 25 mL (wet)
Prepared: 19-Oct-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**1.67**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.0269**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 16:13

SO-TC-64A-101718

18J0313-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/17/2018 14:40

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 10/22/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGJ0676 — Sample Size: 20.07 g (wet)
Prepared: 22-Oct-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.08**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 16:13

SO-TC-64B-101718

18J0313-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/17/2018 14:50

Instrument: ICP2 Analyst: TCH — Analyzed: 10/19/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGJ0636 — Sample Size: 25 mL (wet)
Prepared: 19-Oct-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.197**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 16:13

SO-TC-64B-101718

18J0313-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/17/2018 14:50

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 10/22/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGJ0676 — Sample Size: 20.18 g (wet)
Prepared: 22-Oct-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.20**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 16:13

SO-TC-64C-101718

18J0313-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/17/2018 15:00

Instrument: ICP2 Analyst: TCH — Analyzed: 10/19/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGJ0636 — Sample Size: 25 mL (wet)
Prepared: 19-Oct-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.307**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 16:13

SO-TC-64C-101718

18J0313-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/17/2018 15:00

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 10/22/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGJ0676 — Sample Size: 20 g (wet)
Prepared: 22-Oct-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.29**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
22-Oct-2018 16:13

TCLP Metals and Metallic Compounds - Quality Control

Batch BGJ0636 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGJ0636-BLK1)				Prepared: 19-Oct-2018 Analyzed: 19-Oct-2018 15:07							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGJ0636-DUP1)		**Source: 18J0313-01**		Prepared: 19-Oct-2018 Analyzed: 19-Oct-2018 15:20							
Arsenic	1.77	0.0140	0.250	mg/L		1.67			5.78	20	
Lead	0.0295	0.0065	0.100	mg/L		0.0269			9.22	20	J
Matrix Spike (BGJ0636-MS1)		**Source: 18J0313-01**		Prepared: 19-Oct-2018 Analyzed: 19-Oct-2018 15:28							
Arsenic	5.68	0.0140	0.250	mg/L	4.00	1.67	100	75-125			
Lead	3.81	0.0065	0.100	mg/L	4.00	0.0269	94.5	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 16:13

Wet Chemistry - Quality Control

Batch BGJ0676 - EPA 9045D

Instrument: Accumet AR60 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGJ0676-BS1)				Prepared: 22-Oct-2018 Analyzed: 22-Oct-2018 12:18							
pH	7.00	0.01	0.01	pH Units	7.00		100	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2018 16:13

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	22-Oct-2018 16:13

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

29 October 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18J0397	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.10.29 15:23:23 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18J0397	Turn-around Requested: 3 Day	Date: 10/23/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 15.5
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Notes/Comments
SO-TC-65A-102318	10/23/18	09:50	Soil	1	✔	✔	
SO-TC-65B-102318	10/23/18	10:00	Soil	1	✔	✔	
SO-TC-65C-102318	10/23/18	10:10	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Stephanie Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/23/18 16:53	Date & Time: 10-23-18 16:54	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Oct-2018 15:02

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-65A-102318	18J0397-01	Solid	23-Oct-2018 09:50	23-Oct-2018 16:54
SO-TC-65B-102318	18J0397-02	Solid	23-Oct-2018 10:00	23-Oct-2018 16:54
SO-TC-65C-102318	18J0397-03	Solid	23-Oct-2018 10:10	23-Oct-2018 16:54

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Oct-2018 15:02

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received October 23, 2018 under ARI work order 18J0397. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PESC Project Name: _____

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18J0397 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 1.5.5

Time: 1654

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D007565

Cooler Accepted by: Sef Date: 10-23-18 Time: 1654

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap (Wet Ice) Gel Packs (Baggies) Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA) Sef	(YES)	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

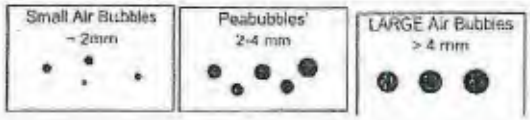
Samples Logged by: Sef Date: 10-23-18 Time: 1712

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18J0397

Cooler#: 1 Temperature(°C): 15.5

Sample ID	Bottle Count	Bottle Type
Samples received on ice @ 6°		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: SE Date: 10-23-18 Time: 1054

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Oct-2018 15:02

SO-TC-65A-102318

18J0397-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/23/2018 09:50

Instrument: ICP2 Analyst: TCH — Analyzed: 10/26/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGJ0834 — Sample Size: 25 mL (wet)
Prepared: 25-Oct-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.112**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Oct-2018 15:02

SO-TC-65A-102318

18J0397-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/23/2018 09:50

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 10/29/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGJ0934 — Sample Size: 20.84 g (wet)
Prepared: 29-Oct-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.99**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Oct-2018 15:02

SO-TC-65B-102318

18J0397-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/23/2018 10:00

Instrument: ICP2 Analyst: TCH — Analyzed: 10/26/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGJ0834 — Sample Size: 25 mL (wet)
Prepared: 25-Oct-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0668**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Oct-2018 15:02

SO-TC-65B-102318

18J0397-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/23/2018 10:00

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 10/29/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGJ0934 — Sample Size: 20.51 g (wet)
Prepared: 29-Oct-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.12**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Oct-2018 15:02

SO-TC-65C-102318

18J0397-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/23/2018 10:10

Instrument: ICP2 Analyst: TCH — Analyzed: 10/26/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGJ0834 — Sample Size: 25 mL (wet)
Prepared: 25-Oct-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0996**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Oct-2018 15:02

SO-TC-65C-102318

18J0397-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/23/2018 10:10

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 10/29/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGJ0934 — Sample Size: 20.15 g (wet)
Prepared: 29-Oct-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.14**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
29-Oct-2018 15:02

TCLP Metals and Metallic Compounds - Quality Control

Batch BGJ0834 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGJ0834-BLK1)	Prepared: 25-Oct-2018 Analyzed: 25-Oct-2018 18:05										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Oct-2018 15:02

Wet Chemistry - Quality Control

Batch BGJ0934 - EPA 9045D

Instrument: Accumet AR60 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGJ0934-BS1)				Prepared: 29-Oct-2018 Analyzed: 29-Oct-2018 12:45							
pH	6.96	0.01	0.01	pH Units	7.00		99.4	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Oct-2018 15:02

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Oct-2018 15:02

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

02 November 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18J0499	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.11.02 10:32:10 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18J0499	Turn-around Requested: 3 Day	Date: 10/29/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Notes/Comments
SO-TC-66A-102918	10/29/18	08:30	Soil	1	✔	✔	
SO-TC-66B-102918	10/29/18	08:40	Soil	1	✔	✔	
SO-TC-66C-102918	10/29/18	08:50	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: A. Volgardsen	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/29/18 17:14	Date & Time: 10/29/18 1714	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2018 10:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-66A-102918	18J0499-01	Solid	29-Oct-2018 08:30	29-Oct-2018 17:14
SO-TC-66B-102918	18J0499-02	Solid	29-Oct-2018 08:40	29-Oct-2018 17:14
SO-TC-66C-102918	18J0499-03	Solid	29-Oct-2018 08:50	29-Oct-2018 17:14

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2018 10:28

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received October 29, 2018 under ARI work order 18J0499. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The Duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The Duplicate RPD and Matrix Spike percent recovery were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: _____

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other: _____

Assigned ARI Job No: 18J0499 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 18.9 ___ ___ ___ ___

Time: _____

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00295

Cooler Accepted by: AV Date: 10/29/18 Time: _____

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		_____

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

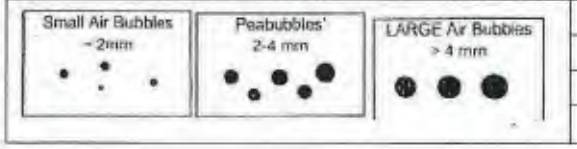
Samples Logged by: CAS Date: 10-29-18 Time: 1719

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: _____ Date: _____



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2018 10:28

SO-TC-66A-102918

18J0499-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/29/2018 08:30

Instrument: ICP2 Analyst: TCH — Analyzed: 11/01/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGJ1029 — Sample Size: 25 mL (wet)
Prepared: 31-Oct-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.684**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.125**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2018 10:28

SO-TC-66A-102918

18J0499-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/29/2018 08:30

Instrument: TURB1 Analyst: WCW — Analyzed: 11/01/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0015 — Sample Size: 20.56 g (wet)
Prepared: 01-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.86**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2018 10:28

SO-TC-66B-102918

18J0499-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/29/2018 08:40

Instrument: ICP2 Analyst: TCH — Analyzed: 11/01/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGJ1029 — Sample Size: 25 mL (wet)
Prepared: 31-Oct-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.289**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2018 10:28

SO-TC-66B-102918

18J0499-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/29/2018 08:40

Instrument: TURB1 Analyst: WCW — Analyzed: 11/01/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0015 — Sample Size: 20.48 g (wet)
Prepared: 01-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.12**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2018 10:28

SO-TC-66C-102918

18J0499-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/29/2018 08:50

Instrument: ICP2 Analyst: TCH — Analyzed: 11/01/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGJ1029 — Sample Size: 25 mL (wet)
Prepared: 31-Oct-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.349**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2018 10:28

SO-TC-66C-102918

18J0499-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/29/2018 08:50

Instrument: TURB1 Analyst: WCW — Analyzed: 11/01/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0015 — Sample Size: 20.98 g (wet)
Prepared: 01-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.13**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
02-Nov-2018 10:28

TCLP Metals and Metallic Compounds - Quality Control

Batch BGJ1029 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGJ1029-BLK1)				Prepared: 31-Oct-2018 Analyzed: 01-Nov-2018 12:55							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGJ1029-DUP1)		**Source: 18J0499-01**		Prepared: 31-Oct-2018 Analyzed: 01-Nov-2018 13:16							
Arsenic	0.685	0.0140	0.250	mg/L		0.684			0.13	20	
Lead	0.123	0.0065	0.100	mg/L		0.125			1.77	20	
Matrix Spike (BGJ1029-MS1)		**Source: 18J0499-01**		Prepared: 31-Oct-2018 Analyzed: 01-Nov-2018 13:24							
Arsenic	5.07	0.0140	0.250	mg/L	4.00	0.684	110	75-125			
Lead	4.24	0.0065	0.100	mg/L	4.00	0.125	103	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
02-Nov-2018 10:28

Wet Chemistry - Quality Control

Batch BGK0015 - EPA 9045D

Instrument: TURB1 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGK0015-BS1)				Prepared: 01-Nov-2018 Analyzed: 01-Nov-2018 12:42							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	0-200			
Duplicate (BGK0015-DUP1)		**Source: 18J0499-01**		Prepared: 01-Nov-2018 Analyzed: 01-Nov-2018 12:42							
pH	8.90	0.01	0.01	pH Units		8.86			0.45	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2018 10:28

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2018 10:28

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

05 November 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18J0514	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.11.05 15:45:46 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18J0514	Turn-around Requested: 3 Day	Date: 10/30/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-67A-103018	10/30/18	09:30	Soil	1	✔	✔							
SO-TC-67B-103018	10/30/18	09:40	Soil	1	✔	✔							
SO-TC-67C-103018	10/30/18	09:50	Soil	1	✔	✔							

Comments/Special Instructions				
	Relinquished by: (Signature) Kenny King	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: A. Volgardsen	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/30/18 17:22	Date & Time: 10/30/18 1722	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Nov-2018 15:42

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-67A-103018	18J0514-01	Solid	30-Oct-2018 09:30	30-Oct-2018 17:22
SO-TC-67B-103018	18J0514-02	Solid	30-Oct-2018 09:40	30-Oct-2018 17:22
SO-TC-67C-103018	18J0514-03	Solid	30-Oct-2018 09:50	30-Oct-2018 17:22

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Nov-2018 15:42

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received October 30, 2018 under ARI work order 18J0514. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: _____
COC No(s): _____ (NA)
Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other: _____
Assigned ARI Job No: 18J0514
Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry): 2.0 8
Time: _____
If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: D00975 65

Cooler Accepted by: AJ Date: 10/30/18 Time: 1722

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?			YES	(NO)
What kind of packing material was used? ...	Bubble Wrap	Wet Ice	Gel Packs	(Baggies) Foam Block Paper Other: _____
Was sufficient ice used (if appropriate)?		NA	YES	(NO)
Were all bottles sealed in individual plastic bags?			YES	(NO)
Did all bottles arrive in good condition (unbroken)?			(YES)	NO
Were all bottle labels complete and legible?			(YES)	NO
Did the number of containers listed on COC match with the number of containers received?			(YES)	NO
Did all bottle labels and tags agree with custody papers?			(YES)	NO
Were all bottles used correct for the requested analyses?			(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...		(NA)	YES	NO
Were all VOC vials free of air bubbles?		(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?			(YES)	NO
Date VOC Trip Blank was made at ARI		(NA)		_____

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

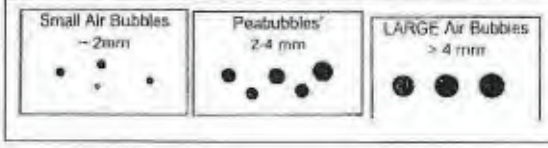
Samples Logged by: _____ Date: 10-30-18 Time: 1739

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Nov-2018 15:42

SO-TC-67A-103018

18J0514-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/30/2018 09:30

Instrument: ICP2 Analyst: TCH — Analyzed: 11/02/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGK0005 — Sample Size: 25 mL (wet)
Prepared: 01-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.373**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.986**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Nov-2018 15:42

SO-TC-67A-103018

18J0514-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/30/2018 09:30

Instrument: TURB1 Analyst: WCW — Analyzed: 11/01/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0015 — Sample Size: 20.06 g (wet)
Prepared: 01-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.14**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Nov-2018 15:42

SO-TC-67B-103018

18J0514-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/30/2018 09:40

Instrument: ICP2 Analyst: TCH — Analyzed: 11/02/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGK0005 — Sample Size: 25 mL (wet)
Prepared: 01-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0925**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.170**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Nov-2018 15:42

SO-TC-67B-103018

18J0514-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/30/2018 09:40

Instrument: TURB1 Analyst: WCW — Analyzed: 11/01/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0015 — Sample Size: 20.46 g (wet)
Prepared: 01-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.78**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Nov-2018 15:42

SO-TC-67C-103018

18J0514-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/30/2018 09:50

Instrument: ICP2 Analyst: TCH — Analyzed: 11/02/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGK0005 — Sample Size: 25 mL (wet)
Prepared: 01-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0840**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.136**	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Nov-2018 15:42

SO-TC-67C-103018

18J0514-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/30/2018 09:50

Instrument: TURB1 Analyst: WCW — Analyzed: 11/01/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0015 — Sample Size: 20.88 g (wet)
Prepared: 01-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.90**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
05-Nov-2018 15:42

TCLP Metals and Metallic Compounds - Quality Control

Batch BGK0005 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGK0005-BLK1)					Prepared: 01-Nov-2018 Analyzed: 02-Nov-2018 13:48						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
05-Nov-2018 15:42

Wet Chemistry - Quality Control

Batch BGK0015 - EPA 9045D

Instrument: TURB1 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGK0015-BS1)				Prepared: 01-Nov-2018 Analyzed: 01-Nov-2018 12:42							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	0-200			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Nov-2018 15:42

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	05-Nov-2018 15:42

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

12 November 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18K0099	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.11.12 14:59:40 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18K0099	Turn-around Requested: 3 Day	Date: 11/7/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps: 18.7
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Duggan		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	PH 9045C							Notes/Comments
SO-TC-69A-110718	11/07/18	08:00	Soil	1	✔	✔							
SO-TC-69B-110718	11/07/18	08:10	Soil	1	✔	✔							
SO-TC-69C-110718	11/07/18	08:20	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Jeff King	Printed Name: Jasmine Burman	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/7/18 10:50	Date & Time: 11/7/18 1050	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2018 14:56

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-69A-110718	18K0099-01	Solid	07-Nov-2018 08:00	07-Nov-2018 10:50
SO-TC-69B-110718	18K0099-02	Solid	07-Nov-2018 08:10	07-Nov-2018 10:50
SO-TC-69C-110718	18K0099-03	Solid	07-Nov-2018 08:20	07-Nov-2018 10:50

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2018 14:56

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received November 7, 2018 under ARI work order 18K0099. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: 1 Superior Plastics

COC No(s): _____ NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18K0099

Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 8.1

Time: 1050

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00296C5

Cooler Accepted by: JVB Date: 11/7/18 Time: 1050

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	YES	NO
Were all bottles sealed in individual plastic bags?		YES	NO
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		_____

Was Sample Split by ARI: NA YES Date/Time: _____ Equipment: _____ Split by: _____

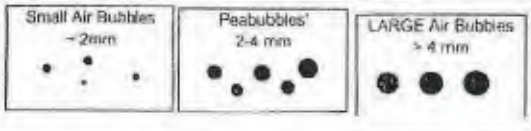
Samples Logged by: JVB Date: 11/7/18 Time: 1056

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2018 14:56

SO-TC-69A-110718

18K0099-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/07/2018 08:00

Instrument: ICP2 Analyst: MCB — Analyzed: 11/09/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGK0189 — Sample Size: 25 mL (wet)
Prepared: 08-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.178**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**1.87**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2018 14:56

SO-TC-69A-110718

18K0099-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/07/2018 08:00

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 11/09/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0226 — Sample Size: 20.58 g (wet)
Prepared: 09-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.54**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2018 14:56

SO-TC-69B-110718

18K0099-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/07/2018 08:10

Instrument: ICP2 Analyst: MCB — Analyzed: 11/09/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGK0189 — Sample Size: 25 mL (wet)
Prepared: 08-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.153**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.294**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2018 14:56

SO-TC-69B-110718

18K0099-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/07/2018 08:10

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 11/09/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0226 — Sample Size: 20.61 g (wet)
Prepared: 09-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.86**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2018 14:56

SO-TC-69C-110718

18K0099-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/07/2018 08:20

Instrument: ICP2 Analyst: MCB — Analyzed: 11/09/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGK0189 — Sample Size: 25 mL (wet)
Prepared: 08-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.436**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**1.41**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2018 14:56

SO-TC-69C-110718

18K0099-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/07/2018 08:20

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 11/09/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0226 — Sample Size: 20.39 g (wet)
Prepared: 09-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.88**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
12-Nov-2018 14:56

TCLP Metals and Metallic Compounds - Quality Control

Batch BGK0189 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGK0189-BLK1)				Prepared: 08-Nov-2018 Analyzed: 09-Nov-2018 13:07							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2018 14:56

Wet Chemistry - Quality Control

Batch BGK0226 - EPA 9045D

Instrument: Accumet AR60 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGK0226-BS1)				Prepared: 09-Nov-2018 Analyzed: 09-Nov-2018 14:16							
pH	7.01	0.01	0.01	pH Units	7.00		100	0-200			
Duplicate (BGK0226-DUP1)		**Source: 18K0099-01**		Prepared: 09-Nov-2018 Analyzed: 09-Nov-2018 14:16							
pH	8.56	0.01	0.01	pH Units		8.54			0.23	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2018 14:56

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2018 14:56

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

16 November 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18K0170	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.11.16 12:29:38 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18K0170	Turn-around Requested: 2 Day	Date: 11/12/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 18.6°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Notes/Comments
SO-TC-70A-111218	11/12/18	11:10	Soil	1	✔	✔	
SO-TC-70B-111218	11/12/18	11:20	Soil	1	✔	✔	
SO-TC-70C-111218	11/12/18	11:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/12/18 15:25	Date & Time: 11/12/18 1525	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2018 12:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-70A-111218	18K0170-01	Solid	12-Nov-2018 11:10	12-Nov-2018 15:24
SO-TC-70B-111218	18K0170-02	Solid	12-Nov-2018 11:20	12-Nov-2018 15:24
SO-TC-70C-111218	18K0170-03	Solid	12-Nov-2018 11:30	12-Nov-2018 15:24

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2018 12:09

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received November 12, 2018 under ARI work order 18K0170. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The Duplicate RPD and Matrix Spike percent recovery were within control limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The Duplicate RPD were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 18K0170

Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry): 18.6°C

Time: 1524

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D0052006

Cooler Accepted by: JM Date: 11/12/18 Time: 1524

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice (Gel Packs) Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI : (NA) YES Date/Time: Equipment: Split by:

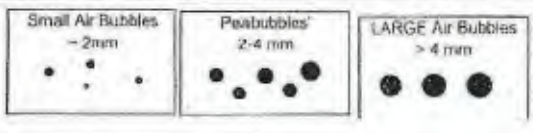
Samples Logged by: Sef Date: 11-12-18 Time: 1545

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18K0170

Cooler#: _____ **Temperature(°C):** 10.6°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 11/27/18 Time: 1524

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2018 12:09

SO-TC-70A-111218

18K0170-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/12/2018 11:10

Instrument: ICP2 Analyst: MCB — Analyzed: 11/15/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGK0336 — Sample Size: 25 mL (wet)
Prepared: 14-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.842**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.216**	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2018 12:09

SO-TC-70A-111218

18K0170-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/12/2018 11:10

Instrument: Accumet XL60 Analyst: WCW — Analyzed: 11/14/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0338 — Sample Size: 20.13 g (wet)
Prepared: 14-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.64**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2018 12:09

SO-TC-70B-111218

18K0170-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/12/2018 11:20

Instrument: ICP2 Analyst: MCB — Analyzed: 11/15/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGK0336 — Sample Size: 25 mL (wet)
Prepared: 14-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.484**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.0076**	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2018 12:09

SO-TC-70B-111218

18K0170-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/12/2018 11:20

Instrument: Accumet XL60 Analyst: WCW — Analyzed: 11/14/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0338 — Sample Size: 20.03 g (wet)
Prepared: 14-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.74**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2018 12:09

SO-TC-70C-111218

18K0170-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/12/2018 11:30

Instrument: ICP2 Analyst: MCB — Analyzed: 11/15/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGK0336 — Sample Size: 25 mL (wet)
Prepared: 14-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.488**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2018 12:09

SO-TC-70C-111218

18K0170-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/12/2018 11:30

Instrument: Accumet XL60 Analyst: WCW — Analyzed: 11/14/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0338 — Sample Size: 20.03 g (wet)
Prepared: 14-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.75**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2018 12:09

TCLP Metals and Metallic Compounds - Quality Control

Batch BGK0336 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGK0336-BLK1)					Prepared: 14-Nov-2018 Analyzed: 15-Nov-2018 13:01						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGK0336-DUP1)		**Source: 18K0170-01**			Prepared: 14-Nov-2018 Analyzed: 15-Nov-2018 13:22						
Arsenic	0.821	0.0140	0.250	mg/L		0.842			2.53	20	
Lead	0.213	0.0065	0.100	mg/L		0.216			1.30	20	
Matrix Spike (BGK0336-MS1)		**Source: 18K0170-01**			Prepared: 14-Nov-2018 Analyzed: 15-Nov-2018 13:27						
Arsenic	5.33	0.0140	0.250	mg/L	4.00	0.842	112	75-125			
Lead	4.36	0.0065	0.100	mg/L	4.00	0.216	104	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2018 12:09

Wet Chemistry - Quality Control

Batch BGK0338 - EPA 9045D

Instrument: Accumet XL60 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGK0338-BS1)				Prepared: 14-Nov-2018 Analyzed: 14-Nov-2018 15:00							
pH	7.00	0.01	0.01	pH Units	7.00		100	0-200			
Duplicate (BGK0338-DUP1)		**Source: 18K0170-01**		Prepared: 14-Nov-2018 Analyzed: 14-Nov-2018 15:00							
pH	8.66	0.01	0.01	pH Units		8.64			0.23	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2018 12:09

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	16-Nov-2018 12:09

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

16 November 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18K0171	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.11.16 12:30:01 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18K0171	Turn-around Requested: 3 Day	Date: 11/12/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 18.6°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Notes/Comments
SO-TC-71A-111218	11/12/18	13:30	Soil	1	✔	✔	

Comments/Special Instructions

Relinquished by:	Received by:	Relinquished by:	Received by:
(Signature) Kenny King	(Signature)	(Signature)	(Signature)
Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
Company: PERC	Company: ARI	Company:	Company:
Date & Time: 11/12/18 15:25	Date & Time: 11/12/18 1525	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2018 12:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-71A-111218	18K0171-01	Solid	12-Nov-2018 13:30	12-Nov-2018 15:24

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2018 12:06

Work Order Case Narrative

Sample receipt

The sampleas listed on the preceding page were received November 12, 2018 under ARI work order 18K0171. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERL Project Name: Superior Plastics

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 18K0171 Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry): 18.6°C

Time: 1524

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D005206

Cooler Accepted by: JAM Date: 11/12/18 Time: 1524

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI: (NA) YES Date/Time: Equipment: Split by:

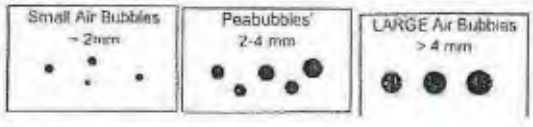
Samples Logged by: Sef Date: 11-12-18 Time: 1549

** ***Notify Project Manager of discrepancies or concerns*** **

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18K0171

Cooler#: _____ **Temperature(°C):** 16.6 °C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 11/12/18 Time: 1529

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2018 12:06

SO-TC-71A-111218

18K0171-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/12/2018 13:30

Instrument: ICP2 Analyst: MCB — Analyzed: 11/15/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGK0336 — Sample Size: 25 mL (wet)
Prepared: 14-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**3.05**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**2.00**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2018 12:06

SO-TC-71A-111218

18K0171-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/12/2018 13:30

Instrument: Accumet XL60 Analyst: WCW — Analyzed: 11/14/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0338 Sample Size: 20.22 g (wet)
Prepared: 14-Nov-2018 Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.74**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
16-Nov-2018 12:06

TCLP Metals and Metallic Compounds - Quality Control

Batch BGK0336 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGK0336-BLK1)					Prepared: 14-Nov-2018 Analyzed: 15-Nov-2018 13:01						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2018 12:06

Wet Chemistry - Quality Control

Batch BGK0338 - EPA 9045D

Instrument: Accumet XL60 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGK0338-BS1)				Prepared: 14-Nov-2018 Analyzed: 14-Nov-2018 15:00							
pH	7.00	0.01	0.01	pH Units	7.00		100	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2018 12:06

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	16-Nov-2018 12:06

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

19 November 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18K0188	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.11.19 14:14:51 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18K0188	Turn-around Requested: 3 Days	Date: 11/13/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 16.9
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

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Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Notes/Comments
SO-TC-71B-111318	11/13/18	14:00	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Stephanie Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/13/18 16:32	Date & Time: 11-13-18 1632	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2018 14:10

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-71B-111318	18K0188-01	Solid	13-Nov-2018 14:00	13-Nov-2018 16:32

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2018 14:10

Work Order Case Narrative

Sample receipt

Sampleas listed on the preceding page was received November 13, 2018 under ARI work order 18K0188. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PSC Project Name: _____

COC No(s): _____ (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18K0188 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 16.9 ___ ___ ___ ___ ___

Time: 1632

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DC02165

Cooler Accepted by: SOF Date: 11-13-18 Time: 1632

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		(YES)	NO
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

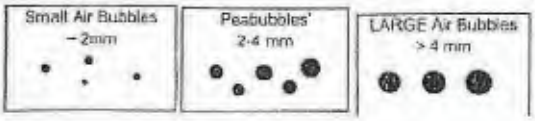
Samples Logged by: SOF Date: 11-13-18 Time: 1642

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

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Cooler Temperature Compliance Form

ARI Work Order: 18K0188

Cooler#: 1 Temperature(°C): 16.7

Sample ID	Bottle Count	Bottle Type
Samples received above 6°		

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: SOL Date: 11-13-18 Time: 1632

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2018 14:10

SO-TC-71B-111318

18K0188-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/13/2018 14:00

Instrument: ICP2 Analyst: MCB — Analyzed: 11/16/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate

Preparation Batch: BGK0378 — Sample Size: 25 mL (wet)

Prepared: 15-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**1.12**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2018 14:10

SO-TC-71B-111318

18K0188-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/13/2018 14:00

Instrument: Accumet XL60 Analyst: WCW — Analyzed: 11/14/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0338 — Sample Size: 20.5 g (wet)
Prepared: 14-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**7.38**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
19-Nov-2018 14:10

TCLP Metals and Metallic Compounds - Quality Control

Batch BGK0378 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGK0378-BLK1)	Prepared: 15-Nov-2018 Analyzed: 16-Nov-2018 14:20										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2018 14:10

Wet Chemistry - Quality Control

Batch BGK0338 - EPA 9045D

Instrument: Accumet XL60 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGK0338-BS1)	Prepared: 14-Nov-2018 Analyzed: 14-Nov-2018 15:00										
pH	7.00	0.01	0.01	pH Units	7.00		100	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2018 14:10

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2018 14:10

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

27 November 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18K0266	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila,
o=Analytical Resources, Inc., ou=Client Services,
cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.11.27 15:03:45 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18K0266	Turn-around Requested: 3 Day	Date: 11/19/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-71C-111918	11/19/20	10:50	Soil	1	✔	✔							

Comments/Special Instructions				
	Relinquished by: (Signature) Kenny King	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jasmine Bauman	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/19/18 15:48	Date & Time: 11/19/18 1548	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2018 15:01

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-71C-111918	18K0266-01	Solid	19-Nov-2018 10:50	19-Nov-2018 15:48

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2018 15:01

Work Order Case Narrative

Sample receipt

One sample as listed on the preceding page was received November 19, 2018 under ARI work order 18K0266. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: SLON

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18K0266 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 11.4
Time: 1548

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D005206

Cooler Accepted by: JLB Date: 11/19/18 Time: 1548

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	(NA)	YES	NO
Were all bottles sealed in individual plastic bags?		(YES)	NO
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		_____

Was Sample Split by ARI : NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: _____ Date: _____ Time: 1613

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

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Cooler Temperature Compliance Form

ARI Work Order: 18K0266

Cooler#: _____ Temperature(°C): 11.4

Sample ID	Bottle Count	Bottle Type
All Samples out of temp.		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 11/19/18 Time: 1548

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2018 15:01

SO-TC-71C-111918

18K0266-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/19/2018 10:50

Instrument: ICP2 Analyst: MCB — Analyzed: 11/21/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate

Preparation Batch: BGK0501 — Sample Size: 25 mL (wet)

Prepared: 21-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**4.12**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**65.4**	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2018 15:01

SO-TC-71C-111918

18K0266-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/19/2018 10:50

Instrument: Accumet AR60 Analyst: BF — Analyzed: 11/27/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0607 — Sample Size: 20.07 g (wet)
Prepared: 27-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**7.03**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
27-Nov-2018 15:01

TCLP Metals and Metallic Compounds - Quality Control

Batch BGK0501 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGK0501-BLK1)	Prepared: 21-Nov-2018 Analyzed: 21-Nov-2018 17:25										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2018 15:01

Wet Chemistry - Quality Control

Batch BGK0607 - EPA 9045D

Instrument: Accumet AR60 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGK0607-BS1)				Prepared: 27-Nov-2018 Analyzed: 27-Nov-2018 12:51							
pH	7.01	0.01	0.01	pH Units	7.00		100	0-200			
Duplicate (BGK0607-DUP1)		**Source: 18K0266-01**		Prepared: 27-Nov-2018 Analyzed: 27-Nov-2018 12:51							
pH	7.07	0.01	0.01	pH Units		7.03			0.57	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2018 15:01

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2018 15:01

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

19 November 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18K0187	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.11.19 14:14:05 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18K0187	Turn-around Requested: 3 Days	Date: 11/13/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 16.7
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	PH 9045C							Notes/Comments
SO-TC-72A-111318	11/13/18	11:30	Soil	1	✔	✔							
SO-TC-72B-111318	11/13/18	11:50	Soil	1	✔	✔							
SO-TC-72C-111318	11/13/18	13:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Stephanie Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/13/18 16:32	Date & Time: 11-13-18 1632	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2018 14:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-72A-111318	18K0187-01	Solid	13-Nov-2018 11:30	13-Nov-2018 16:32
SO-TC-72B-111318	18K0187-02	Solid	13-Nov-2018 11:50	13-Nov-2018 16:32
SO-TC-72C-111318	18K0187-03	Solid	13-Nov-2018 13:30	13-Nov-2018 16:32

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2018 14:07

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received November 13, 2018 under ARI work order 18K0187. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The Duplicate RPD and Matrix Spike percent recoveries were within control limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Perc

Project Name: _____

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18K0187

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 16.9

Time: 1632

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: DCW2765

Cooler Accepted by: Sef Date: 11-13-18 Time: 1632

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		(YES)	NO
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: Sef Date: 11-13-18 Time: 1639

** ***Notify Project Manager of discrepancies or concerns*** **

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Small Air Bubbles ~ 2mm	Peabubbles 2-4 mm	LARGE Air Bubbles > 4 mm
• • •	• • •	● ● ●

Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18K0187

Cooler#: 1 **Temperature(°C):** 16.7

Sample ID	Bottle Count	Bottle Type
Samples received above 6°		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: SDS Date: 11-13-18 Time: 1632

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2018 14:07

SO-TC-72A-111318

18K0187-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/13/2018 11:30

Instrument: ICP2 Analyst: MCB — Analyzed: 11/16/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate

Preparation Batch: BGK0378 — Sample Size: 25 mL (wet)

Prepared: 15-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.785**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**3.33**	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2018 14:07

SO-TC-72A-111318

18K0187-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/13/2018 11:30

Instrument: Accumet XL60 Analyst: WCW — Analyzed: 11/14/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0338 — Sample Size: 20.32 g (wet)
Prepared: 14-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.28**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2018 14:07

SO-TC-72B-111318

18K0187-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/13/2018 11:50

Instrument: ICP2 Analyst: MCB — Analyzed: 11/16/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate

Preparation Batch: BGK0378 — Sample Size: 25 mL (wet)

Prepared: 15-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**1.69**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**3.90**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2018 14:07

SO-TC-72B-111318

18K0187-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/13/2018 11:50

Instrument: Accumet XL60 Analyst: WCW — Analyzed: 11/14/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0338 — Sample Size: 20.51 g (wet)
Prepared: 14-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.03**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2018 14:07

SO-TC-72C-111318

18K0187-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/13/2018 13:30

Instrument: ICP2 Analyst: MCB — Analyzed: 11/16/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGK0378 — Sample Size: 25 mL (wet)
Prepared: 15-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**8.13**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.0108**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2018 14:07

SO-TC-72C-111318

18K0187-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/13/2018 13:30

Instrument: Accumet XL60 Analyst: WCW — Analyzed: 11/14/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0338 — Sample Size: 20.3 g (wet)
Prepared: 14-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**7.63**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2018 14:07

TCLP Metals and Metallic Compounds - Quality Control

Batch BGK0378 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGK0378-BLK1)				Prepared: 15-Nov-2018 Analyzed: 16-Nov-2018 14:20							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGK0378-DUP1)		**Source: 18K0187-01**		Prepared: 15-Nov-2018 Analyzed: 16-Nov-2018 14:54							
Arsenic	0.777	0.0140	0.250	mg/L		0.785			1.11	20	
Lead	3.37	0.0065	0.100	mg/L		3.33			1.00	20	
Matrix Spike (BGK0378-MS1)		**Source: 18K0187-01**		Prepared: 15-Nov-2018 Analyzed: 16-Nov-2018 14:58							
Arsenic	4.60	0.0140	0.250	mg/L	4.00	0.785	95.4	75-125			
Lead	6.82	0.0065	0.100	mg/L	4.00	3.33	87.1	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2018 14:07

Wet Chemistry - Quality Control

Batch BGK0338 - EPA 9045D

Instrument: Accumet XL60 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGK0338-BS1)				Prepared: 14-Nov-2018 Analyzed: 14-Nov-2018 15:00							
pH	7.00	0.01	0.01	pH Units	7.00		100	0-200			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2018 14:07

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2018 14:07

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

27 November 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18K0282	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.11.27 11:13:33 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18K0282	Turn-around Requested: 2 Day	Date: 11/20/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 0	Cooler Temps: 17.1 °C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Notes/Comments
SO-TC-73A-112018	11/20/18	13:20	Soil	1	✔	✔	
SO-TC-73B-112018	11/20/18	13:30	Soil	1	✔	✔	
SO-TC-73C-112018	11/20/18	13:40	Soil	1	✔	✔	

Comments/Special Instructions

Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
Printed Name: Jeff King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
Company: PERC	Company: ARI	Company:	Company:
Date & Time: 11/20/18 2:50	Date & Time: 11/20/18 1450	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2018 10:36

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-73A-112018	18K0282-01	Solid	20-Nov-2018 13:20	20-Nov-2018 14:50
SO-TC-73B-112018	18K0282-02	Solid	20-Nov-2018 13:30	20-Nov-2018 14:50
SO-TC-73C-112018	18K0282-03	Solid	20-Nov-2018 13:40	20-Nov-2018 14:50

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2018 10:36

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received November 20, 2018 under ARI work order 18K0282. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The Duplicate RPD and Matrix Spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18K0282

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 17.1°C

Time: 1450

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00306

Cooler Accepted by: JSW Date: 11/20/18 Time: 1450

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

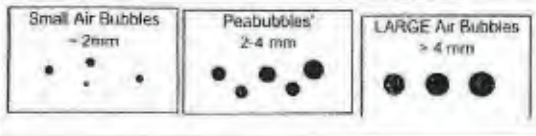
Samples Logged by: JSW Date: 11/20/18 Time: 1452

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)

Peabubbles → "pb" (2 to < 4 mm)

Large → "lg" (4 to < 6 mm)

Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18K0282

Cooler#: _____ **Temperature(°C):** 17.1°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JSN Date: 11/20/18 Time: 1450

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2018 10:36

SO-TC-73A-112018

18K0282-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/20/2018 13:20

Instrument: ICP2 Analyst: MCB — Analyzed: 11/23/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate

Preparation Batch: BGK0517 — Sample Size: 25 mL (wet)

Prepared: 21-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.111**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2018 10:36

SO-TC-73A-112018

18K0282-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/20/2018 13:20

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 11/23/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0540 — Sample Size: 20.35 g (wet)
Prepared: 23-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.94**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2018 10:36

SO-TC-73B-112018

18K0282-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/20/2018 13:30

Instrument: ICP2 Analyst: MCB — Analyzed: 11/23/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate

Preparation Batch: BGK0517 — Sample Size: 25 mL (wet)

Prepared: 21-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.109**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2018 10:36

SO-TC-73B-112018

18K0282-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/20/2018 13:30

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 11/23/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0540 — Sample Size: 20.03 g (wet)
Prepared: 23-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.93**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2018 10:36

SO-TC-73C-112018

18K0282-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/20/2018 13:40

Instrument: ICP2 Analyst: MCB — Analyzed: 11/23/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGK0517 — Sample Size: 25 mL (wet)
Prepared: 21-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.133**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0324**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2018 10:36

SO-TC-73C-112018

18K0282-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/20/2018 13:40

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 11/23/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0540 — Sample Size: 20.06 g (wet)
Prepared: 23-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.94**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
27-Nov-2018 10:36

TCLP Metals and Metallic Compounds - Quality Control

Batch BGK0517 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGK0517-BLK1)				Prepared: 21-Nov-2018 Analyzed: 23-Nov-2018 13:06							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGK0517-DUP1)		**Source: 18K0282-01**		Prepared: 21-Nov-2018 Analyzed: 23-Nov-2018 13:23							
Arsenic	0.131	0.0140	0.250	mg/L		0.111			16.20	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BGK0517-MS1)		**Source: 18K0282-01**		Prepared: 21-Nov-2018 Analyzed: 23-Nov-2018 13:27							
Arsenic	4.47	0.0140	0.250	mg/L	4.00	0.111	109	75-125			
Lead	4.09	0.0065	0.100	mg/L	4.00	ND	102	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2018 10:36

Wet Chemistry - Quality Control

Batch BGK0540 - EPA 9045D

Instrument: Accumet AR60 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGK0540-BS1)	Prepared: 23-Nov-2018 Analyzed: 23-Nov-2018 13:01										
pH	6.99	0.01	0.01	pH Units	7.00		99.9	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2018 10:36

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	27-Nov-2018 10:36

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

30 November 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18K0342	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.11.30 10:52:31 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18K0342	Turn-around Requested: 3 Day	Date: 11/26/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 23.4°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Notes/Comments
SO-TC-74A-112618	11/26/18	10:20	Soil	1	✓	✓	
SO-TC-74B-112618	11/26/18	10:30	Soil	1	✓	✓	
SO-TC-74C-112618	11/26/18	10:40	Soil	1	✓	✓	

Comments/Special Instructions	Relinquished by: (Signature) / Printed Name / Company / Date & Time	Received by: (Signature) / Printed Name / Company / Date & Time	Relinquished by: (Signature) / Printed Name / Company / Date & Time	Received by: (Signature) / Printed Name / Company / Date & Time
	JEFF KING / PERC / 11/26/18 4:39	Jacobwalte / ARI / 11/26/18 1639		

Limits of Liability: ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2018 10:50

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-74A-112618	18K0342-01	Solid	26-Nov-2018 10:20	26-Nov-2018 16:39
SO-TC-74B-112618	18K0342-02	Solid	26-Nov-2018 10:30	26-Nov-2018 16:39
SO-TC-74C-112618	18K0342-03	Solid	26-Nov-2018 10:40	26-Nov-2018 16:39

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2018 10:50

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received November 26, 2018 under ARI work order 18K0342. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The Duplicate RPD and Matrix Spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 18K0342 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 23.4°C
Time: 1639

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00S206

Cooler Accepted by: JSW Date: 11/26/18 Time: 1639

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? … Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)…	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI…	(NA)		

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

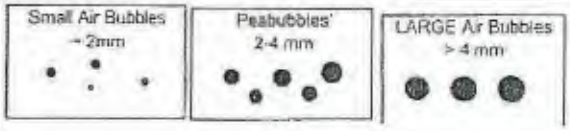
Samples Logged by: JSW Date: 11/26/18 Time: 1654

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18K0342

Cooler#: _____ **Temperature(°C):** 27.4°C

Sample ID	Bottle Count	Bottle Type
Samples received about 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: SJS Date: 11/26/18 Time: 1039

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2018 10:50

SO-TC-74A-112618

18K0342-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/26/2018 10:20

Instrument: ICP2 Analyst: MCB — Analyzed: 11/29/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGK0640 — Sample Size: 25 mL (wet)
Prepared: 28-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.193**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.692**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2018 10:50

SO-TC-74A-112618

18K0342-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/26/2018 10:20

Instrument: Accumet AR60 Analyst: BF — Analyzed: 11/27/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0607 — Sample Size: 20.1 g (wet)
Prepared: 27-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.64**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2018 10:50

SO-TC-74B-112618

18K0342-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/26/2018 10:30

Instrument: ICP2 Analyst: MCB — Analyzed: 11/29/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGK0640 — Sample Size: 25 mL (wet)
Prepared: 28-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.152**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.748**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2018 10:50

SO-TC-74B-112618

18K0342-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/26/2018 10:30

Instrument: Accumet AR60 Analyst: BF — Analyzed: 11/27/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0607 — Sample Size: 20.04 g (wet)
Prepared: 27-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**6.31**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2018 10:50

SO-TC-74C-112618

18K0342-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/26/2018 10:40

Instrument: ICP2 Analyst: MCB — Analyzed: 11/29/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGK0640 — Sample Size: 25 mL (wet)
Prepared: 28-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.127**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**12.1**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2018 10:50

SO-TC-74C-112618

18K0342-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/26/2018 10:40

Instrument: Accumet AR60 Analyst: BF — Analyzed: 11/27/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGK0607 — Sample Size: 20.02 g (wet)
Prepared: 27-Nov-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**5.77**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
30-Nov-2018 10:50

TCLP Metals and Metallic Compounds - Quality Control

Batch BGK0640 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGK0640-BLK1)				Prepared: 28-Nov-2018 Analyzed: 29-Nov-2018 12:58							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGK0640-DUP1)		**Source: 18K0342-03**		Prepared: 28-Nov-2018 Analyzed: 29-Nov-2018 13:15							
Arsenic	0.147	0.0140	0.250	mg/L		0.127			14.40	20	J
Lead	12.4	0.0065	0.100	mg/L		12.1			2.84	20	
Matrix Spike (BGK0640-MS1)		**Source: 18K0342-03**		Prepared: 28-Nov-2018 Analyzed: 29-Nov-2018 13:19							
Arsenic	4.44	0.0140	0.250	mg/L	4.00	0.127	108	75-125			
Lead	16.4	0.0065	0.100	mg/L	4.00	12.1	108	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2018 10:50

Wet Chemistry - Quality Control

Batch BGK0607 - EPA 9045D

Instrument: Accumet AR60 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGK0607-BS1)	Prepared: 27-Nov-2018 Analyzed: 27-Nov-2018 12:51										
pH	7.01	0.01	0.01	pH Units	7.00		100	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2018 10:50

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
DoD-ELAP DW	DoD-Environmental Laboratory Accreditation - Drinking Water	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	30-Nov-2018 10:50

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

03 December 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18K0370	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.12.03 14:22:19 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18K0370	Turn-around Requested: 3 Day	Date: 11/27/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps: 11.1
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	PH 9045C	Analysis Requested						Notes/Comments
SO-TC-75A-112718	11/27/18	14:30	Soil	1	✔	✔							
SO-TC-75B-112718	11/27/18	14:40	Soil	1	✔	✔							
SO-TC-75C-112718	11/27/18	14:50	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jasmine Baeman	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/27/18 3:39	Date & Time: 11/27/18 1539	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Dec-2018 14:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-75A-112718	18K0370-01	Solid	27-Nov-2018 14:30	27-Nov-2018 15:39
SO-TC-75B-112718	18K0370-02	Solid	27-Nov-2018 14:40	27-Nov-2018 15:39
SO-TC-75C-112718	18K0370-03	Solid	27-Nov-2018 14:50	27-Nov-2018 15:39

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Dec-2018 14:17

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received November 27, 2018 under ARI work order 18K0370. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The Duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The Duplicate RPD and Matrix Spike percent recoveries were within control limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: DERC Project Name: Superlon Plastics

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 18K0370 Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time: 1539	11.1					

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DC05206

Cooler Accepted by: JDB Date: 11/27/18 Time: 1539

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI : (NA) YES Date/Time: Equipment: Split by:

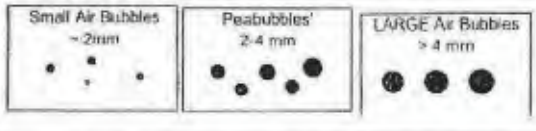
Samples Logged by: JSW Date: 11/27/18 Time: 1610

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 18K0370

Cooler#: _____ **Temperature(°C):** 11.1

Sample ID	Bottle Count	Bottle Type
All Samples out temp		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 11/27/18 Time: 1539

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Dec-2018 14:17

SO-TC-75A-112718

18K0370-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/27/2018 14:30

Instrument: ICP2 Analyst: MCB — Analyzed: 11/30/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate

Preparation Batch: BGK0705 — Sample Size: 25 mL (wet)

Prepared: 30-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.585**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**1.72**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Dec-2018 14:17

SO-TC-75A-112718

18K0370-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/27/2018 14:30

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 12/03/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGL0004 — Sample Size: 20 g (wet)
Prepared: 03-Dec-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.83**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Dec-2018 14:17

SO-TC-75B-112718

18K0370-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/27/2018 14:40

Instrument: ICP2 Analyst: MCB — Analyzed: 11/30/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGK0705 — Sample Size: 25 mL (wet)
Prepared: 30-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.695**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.761**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Dec-2018 14:17

SO-TC-75B-112718

18K0370-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/27/2018 14:40

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 12/03/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGL0004 — Sample Size: 20 g (wet)
Prepared: 03-Dec-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.84**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Dec-2018 14:17

SO-TC-75C-112718

18K0370-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/27/2018 14:50

Instrument: ICP2 Analyst: MCB — Analyzed: 11/30/2018

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGK0705 — Sample Size: 25 mL (wet)
Prepared: 30-Nov-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.198**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Dec-2018 14:17

SO-TC-75C-112718

18K0370-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/27/2018 14:50

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 12/03/2018

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGL0004 — Sample Size: 20 g (wet)
Prepared: 03-Dec-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.06**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Dec-2018 14:17

TCLP Metals and Metallic Compounds - Quality Control

Batch BGK0705 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGK0705-BLK1)				Prepared: 30-Nov-2018 Analyzed: 30-Nov-2018 17:05							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGK0705-DUP1)		**Source: 18K0370-01**		Prepared: 30-Nov-2018 Analyzed: 30-Nov-2018 17:23							
Arsenic	0.574	0.0140	0.250	mg/L		0.585			1.97	20	
Lead	1.70	0.0065	0.100	mg/L		1.72			0.81	20	
Matrix Spike (BGK0705-MS1)		**Source: 18K0370-01**		Prepared: 30-Nov-2018 Analyzed: 30-Nov-2018 17:27							
Arsenic	4.15	0.0140	0.250	mg/L	4.00	0.585	89.1	75-125			
Lead	4.97	0.0065	0.100	mg/L	4.00	1.72	81.4	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Dec-2018 14:17

Wet Chemistry - Quality Control

Batch BGL0004 - EPA 9045D

Instrument: Accumet AR60 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGL0004-BS1)				Prepared: 03-Dec-2018 Analyzed: 03-Dec-2018 08:18							
pH	7.02	0.01	0.01	pH Units	7.00		100	0-200			
Duplicate (BGL0004-DUP1)		**Source: 18K0370-01**		Prepared: 03-Dec-2018 Analyzed: 03-Dec-2018 08:18							
pH	8.84	0.01	0.01	pH Units		8.83			0.11	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Dec-2018 14:17

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
DoD-ELAP DW	DoD-Environmental Laboratory Accreditation - Drinking Water	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Dec-2018 14:17

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

11 December 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18L0048	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.12.11 11:33:30 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18L0076	Turn-around Requested: 3 Day	Date: 12/4/2018	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 16.6
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-76A-120418	12/04/18	13:00	Soil	1	✔	✔							
SO-TC-76B-120418	12/04/18	13:10	Soil	1	✔	✔							
SO-TC-76C-120418	12/04/18	13:20	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Stephanie Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 12/4/18 17:05	Date & Time: 12-4-18 1705	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Dec-2018 11:21

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-76A-120418	18L0048-01	Solid	04-Dec-2018 13:00	04-Dec-2018 17:05
SO-TC-76B-120418	18L0048-02	Solid	04-Dec-2018 13:10	04-Dec-2018 17:05
SO-TC-76C-120418	18L0048-03	Solid	04-Dec-2018 13:20	04-Dec-2018 17:05

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Dec-2018 11:21

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received December 4, 2018 under ARI work order 18L0048. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The Duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The Duplicate RPD and Matrix Spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Cooler Receipt Form

ARI Client: PeSC

COC No(s): _____ (NA)

Assigned ARI Job No: 18L0048

Project Name: _____

Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other: _____

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 16.6

Time: 1705

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D002565

Cooler Accepted by: SeS Date: 12-4-18 Time: 1705

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

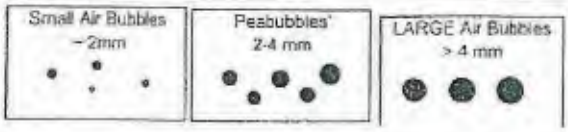
Samples Logged by: SeS Date: 12-4-18 Time: 1708

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

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Cooler Temperature Compliance Form

ARI Work Order: 18L0048

Cooler#: 1 **Temperature(°C):** 16.6

Sample ID	Bottle Count	Bottle Type
Samples received above 6°		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: SEL Date: 12-4-18 Time: 1705

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Dec-2018 11:21

SO-TC-76A-120418

18L0048-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 12/04/2018 13:00

Instrument: ICP2 Analyst: TCH — Analyzed: 12/07/2018 12:24

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate

Preparation Batch: BGL0143 — Sample Size: 25 mL (wet)

Prepared: 06-Dec-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.141**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Dec-2018 11:21

SO-TC-76A-120418

18L0048-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 12/04/2018 13:00

Instrument: Accumet AR60 Analyst: BF — Analyzed: 12/10/2018 12:21

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGL0216 — Sample Size: 20.09 g (wet)
Prepared: 10-Dec-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.18**	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Dec-2018 11:21

SO-TC-76B-120418

18L0048-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 12/04/2018 13:10

Instrument: ICP2 Analyst: TCH — Analyzed: 12/07/2018 12:28

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate

Preparation Batch: BGL0143 — Sample Size: 25 mL (wet)

Prepared: 06-Dec-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.107**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Dec-2018 11:21

SO-TC-76B-120418

18L0048-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 12/04/2018 13:10

Instrument: Accumet AR60 Analyst: BF — Analyzed: 12/10/2018 12:21

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGL0216 — Sample Size: 20.1 g (wet)
Prepared: 10-Dec-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.50**	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Dec-2018 11:21

SO-TC-76C-120418

18L0048-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 12/04/2018 13:20

Instrument: ICP2 Analyst: TCH — Analyzed: 12/07/2018 11:42

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate

Preparation Batch: BGL0143 — Sample Size: 25 mL (wet)

Prepared: 06-Dec-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.125**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Dec-2018 11:21

SO-TC-76C-120418

18L0048-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 12/04/2018 13:20

Instrument: Accumet AR60 Analyst: BF — Analyzed: 12/10/2018 12:21

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGL0216 — Sample Size: 20.04 g (wet)
Prepared: 10-Dec-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.49**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
11-Dec-2018 11:21

TCLP Metals and Metallic Compounds - Quality Control

Batch BGL0143 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGL0143-BLK1)				Prepared: 06-Dec-2018 Analyzed: 07-Dec-2018 11:29							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGL0143-DUP1)		**Source: 18L0048-03**		Prepared: 06-Dec-2018 Analyzed: 07-Dec-2018 11:37							
Arsenic	0.119	0.0140	0.250	mg/L		0.125			5.14	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BGL0143-MS1)		**Source: 18L0048-03**		Prepared: 06-Dec-2018 Analyzed: 07-Dec-2018 11:46							
Arsenic	4.45	0.0140	0.250	mg/L	4.00	0.125	108	75-125			
Lead	3.97	0.0065	0.100	mg/L	4.00	ND	99.1	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Dec-2018 11:21

Wet Chemistry - Quality Control

Batch BGL0216 - EPA 9045D

Instrument: Accumet AR60 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGL0216-BS1)				Prepared: 10-Dec-2018 Analyzed: 10-Dec-2018 12:21							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	0-200			
Duplicate (BGL0216-DUP1)		**Source: 18L0048-01**		Prepared: 10-Dec-2018 Analyzed: 10-Dec-2018 12:21							
pH	9.45	0.01	0.01	pH Units		9.18			2.90	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Dec-2018 11:21

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
DoD-ELAP DW	DoD-Environmental Laboratory Accreditation - Drinking Water	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	11-Dec-2018 11:21

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

11 December 2018

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
18L0068	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., ou=Client Services, cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2018.12.11 11:34:21 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 18L0068	Turn-around Requested: 2 Day	Date: 12/5/18	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: PERC		No. of Coolers: 2	Cooler Temps: 21.8°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	PH 9045C							Notes/Comments
					Analysis Requested								
SO-TC-77A-120518	12/05/18	12:00	Soil	1	✔	✔							
SO-TC-77B-120518	12/05/18	12:10	Soil	1	✔	✔							
SO-TC-77C-120518	12/05/18	12:20	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Jeff King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 12/5/18 3:22	Date & Time: 12/05/18 1522	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Dec-2018 11:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-77A-120518	18L0068-01	Solid	05-Dec-2018 12:00	05-Dec-2018 15:22
SO-TC-77B-120518	18L0068-02	Solid	05-Dec-2018 12:10	05-Dec-2018 15:22
SO-TC-77C-120518	18L0068-03	Solid	05-Dec-2018 12:20	05-Dec-2018 15:22

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Dec-2018 11:24

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received December 5, 2018 under ARI work order 18L0068. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The Duplicate RPD and Matrix Spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Spartan Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 18L0068
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry): 2.1°C
Time: 1522
If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: D0005206

Cooler Accepted by: JBm Date: 12/05/18 Time: 1522

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
Were all bottles sealed in individual plastic bags?		YES	NO
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Was Sample Split by ARI : NA YES Date/Time: Equipment: Split by:

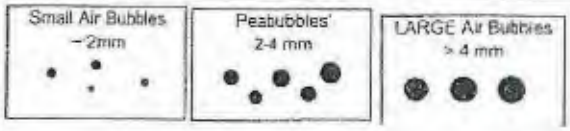
Samples Logged by: Sef Date: 12-5-18 Time: 1653

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm" (< 2 mm)
Peabubbles → "pb" (2 to < 4 mm)
Large → "lg" (4 to < 6 mm)
Headspace → "hs" (> 6 mm)

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Cooler Temperature Compliance Form

ARI Work Order: 1811008

Cooler#: _____ **Temperature(°C):** 21.8°C

Sample ID	Bottle Count	Bottle Type
Samples received about 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: SMS Date: 12/05/18 Time: 1522

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Dec-2018 11:24

SO-TC-77A-120518

18L0068-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 12/05/2018 12:00

Instrument: ICP2 Analyst: TCH — Analyzed: 12/10/2018 12:06

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate
Preparation Batch: BGL0178 — Sample Size: 25 mL (wet)
Prepared: 07-Dec-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.137**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Dec-2018 11:24

SO-TC-77A-120518

18L0068-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 12/05/2018 12:00

Instrument: Accumet AR60 Analyst: BF — Analyzed: 12/10/2018 12:21

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGL0216 — Sample Size: 20.07 g (wet)
Prepared: 10-Dec-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.17**	pH Units	

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Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Dec-2018 11:24

SO-TC-77B-120518

18L0068-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 12/05/2018 12:10

Instrument: ICP2 Analyst: TCH — Analyzed: 12/10/2018 11:53

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate

Preparation Batch: BGL0178 — Sample Size: 25 mL (wet)

Prepared: 07-Dec-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0745**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Dec-2018 11:24

SO-TC-77B-120518

18L0068-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 12/05/2018 12:10

Instrument: Accumet AR60 Analyst: BF — Analyzed: 12/10/2018 12:21

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGL0216 — Sample Size: 20.03 g (wet)
Prepared: 10-Dec-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.33**	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Dec-2018 11:24

SO-TC-77C-120518

18L0068-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 12/05/2018 12:20

Instrument: ICP2 Analyst: TCH — Analyzed: 12/10/2018 11:57

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate

Preparation Batch: BGL0178 — Sample Size: 25 mL (wet)

Prepared: 07-Dec-2018 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0493**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Dec-2018 11:24

SO-TC-77C-120518

18L0068-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 12/05/2018 12:20

Instrument: Accumet AR60 Analyst: BF — Analyzed: 12/10/2018 12:21

Sample Preparation: Preparation Method: EPA 9045D
Preparation Batch: BGL0216 — Sample Size: 20.04 g (wet)
Prepared: 10-Dec-2018 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.97**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
11-Dec-2018 11:24

TCLP Metals and Metallic Compounds - Quality Control

Batch BGL0178 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BGL0178-BLK1)				Prepared: 07-Dec-2018 Analyzed: 10-Dec-2018 11:41							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BGL0178-DUP1)		**Source: 18L0068-01**		Prepared: 07-Dec-2018 Analyzed: 10-Dec-2018 12:01							
Arsenic	0.129	0.0140	0.250	mg/L		0.137			6.54	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BGL0178-MS1)		**Source: 18L0068-01**		Prepared: 07-Dec-2018 Analyzed: 10-Dec-2018 12:10							
Arsenic	4.36	0.0140	0.250	mg/L	4.00	0.137	105	75-125			
Lead	3.93	0.0065	0.100	mg/L	4.00	ND	98.2	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
11-Dec-2018 11:24

Wet Chemistry - Quality Control

Batch BGL0216 - EPA 9045D

Instrument: Accumet AR60 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BGL0216-BS1)				Prepared: 10-Dec-2018 Analyzed: 10-Dec-2018 12:21							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	0-200			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Dec-2018 11:24

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	02/07/2019
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/07/2019
DoD-ELAP DW	DoD-Environmental Laboratory Accreditation - Drinking Water	66169	02/07/2019
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	11-Dec-2018 11:24

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the applicable reporting or detection limit.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

16 April 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19D0152	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.04.16 08:58:21 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Accredited in accordance with nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19D0152	Turn-around Requested: 2 Day	Date: 4/10/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 19.1 °C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: PH 9045C	Notes/Comments
SO-TC-78A-041019	04/10/19	11:50	Soil	1	✔	✔	
SO-TC-78B-041019	04/10/19	12:00	Soil	1	✔	✔	
SO-TC-78C-041019	04/10/19	12:10	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Jeff King	Printed Name: Jacob Walk	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/10/19 2:32PM	Date & Time: 04/10/19 1432	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Apr-2019 08:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-78A-041019	19D0152-01	Solid	10-Apr-2019 11:50	10-Apr-2019 14:32
SO-TC-78B-041019	19D0152-02	Solid	10-Apr-2019 12:00	10-Apr-2019 14:32
SO-TC-78C-041019	19D0152-03	Solid	10-Apr-2019 12:10	10-Apr-2019 14:32

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Apr-2019 08:51

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received April 10, 2019 under ARI work order 19D0152. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding time.

The method blank(s) were clean at the reporting limits.

The Duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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WORK ORDER

19D0152

Client: PERC-Pacific Environmental and Redevelopment
Project Manager: Shelly Fishel
Project: Superlon Plastics
Project Number: SLON

Report To:
PERC-Pacific Environmental and Redevelopment Corp
Kenny King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone: (425) 346-0921
Fax:

Invoice To:
PERC-Pacific Environmental and Redevelopment Corp
Jeffrey King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone :(425) 238-2212
Fax:

Date Due: 12-Apr-2019 18:00 (2 day TAT)

Received By: Jacob Walter
Date Received: 10-Apr-2019 14:32
Logged In By: Erin I. Salle
Date Logged In: 10-Apr-2019 14:59

Samples Received at: **19.1°C**

Intact, properly signed and dated custody seals attached to outside of cooler(s)	No	Custody papers included with the cooler	Yes
Custody papers properly filled out (in, signed, analyses requested, etc)	Yes	Was a temperature blank included in the cooler	No
Was sufficient ice used (if appropriate)	No	All bottles sealed in individual plastic bags	No
All bottles arrived in good condition (unbroken)	Yes	All bottle labels complete and legible	Yes
Number of containers listed on COC match number received	Yes	Bottle labels and tags agree with COC	Yes
Correct bottles used for the requested analyses	Yes	All VOC vials free of air bubbles	No
Analyses/bottles require preservation (attach preservation sheet excluding VOC)	No	Sufficient amount of sample sent in each bottle	Yes
Sample split at ARI	No		

Analysis	Due	TAT	Expires	Comments

WORK ORDER

19D0152

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Shelly Fishel

Project: Superlon Plastics **Project Number:** SLON

Analysis	Due	TAT	Expires	Comments
19D0152-01 SO-TC-78A-041019 [Solid] Sampled 10-Apr-2019 11:50 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	12-Apr-2019 15:00	2	24-Apr-2019 11:50	
Solids, Total, Dried at 103 -105 °C, Soli	12-Apr-2019 15:00	2	08-May-2019 11:50	Cancel this analysis
TCLP 1311	12-Apr-2019 15:00	2	08-May-2019 11:50	
TCLP 6010C - As	12-Apr-2019 15:00	2	07-Oct-2019 11:50	
TCLP 6010C - Pb	12-Apr-2019 15:00	2	07-Oct-2019 11:50	
Filter 0.7 micron (TCLP)	12-Apr-2019 15:00	2	11-Apr-2019 14:32	
19D0152-02 SO-TC-78B-041019 [Solid] Sampled 10-Apr-2019 12:00 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
Filter 0.7 micron (TCLP)	12-Apr-2019 15:00	2	11-Apr-2019 14:32	
pH, EPA 9045D, Solid	12-Apr-2019 15:00	2	24-Apr-2019 12:00	
Solids, Total, Dried at 103 -105 °C, Soli	12-Apr-2019 15:00	2	08-May-2019 12:00	Cancel this analysis
TCLP 1311	12-Apr-2019 15:00	2	08-May-2019 12:00	
TCLP 6010C - As	12-Apr-2019 15:00	2	07-Oct-2019 12:00	
TCLP 6010C - Pb	12-Apr-2019 15:00	2	07-Oct-2019 12:00	
19D0152-03 SO-TC-78C-041019 [Solid] Sampled 10-Apr-2019 12:10 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
TCLP 6010C - Pb	12-Apr-2019 15:00	2	07-Oct-2019 12:10	
Filter 0.7 micron (TCLP)	12-Apr-2019 15:00	2	11-Apr-2019 14:32	
Solids, Total, Dried at 103 -105 °C, Soli	12-Apr-2019 15:00	2	08-May-2019 12:10	Cancel this analysis
TCLP 1311	12-Apr-2019 15:00	2	08-May-2019 12:10	
TCLP 6010C - As	12-Apr-2019 15:00	2	07-Oct-2019 12:10	
pH, EPA 9045D, Solid	12-Apr-2019 15:00	2	24-Apr-2019 12:10	

Reviewed By Date

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 19D0152 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1432 19.1°C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00

Cooler Accepted by: JB Date: 04/10/19 Time: 1432

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
Were all bottles sealed in individual plastic bags?		YES	NO
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Was Sample Split by ARI: NA YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 4/10/19 Time: 1459 Labels checked by:

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19D0152

Cooler#: _____ **Temperature(°C):** 19.1°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JSW Date: 04/10/19 Time: 1432

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Apr-2019 08:51

SO-TC-78A-041019

19D0152-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/10/2019 11:50

Instrument: ICP2 Analyst: TCH — Analyzed: 04/12/2019 15:26

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19D0152-01 A 02

Preparation Batch: BHD0364 — Sample Size: 25 mL (wet)

Prepared: 12-Apr-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0602**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Apr-2019 08:51

SO-TC-78A-041019

19D0152-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/10/2019 11:50

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 04/11/2019 10:59

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19D0152-01 A

Preparation Batch: BHD0320 — Sample Size: 20.13 g (wet)

Prepared: 11-Apr-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.60**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Apr-2019 08:51

SO-TC-78B-041019

19D0152-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/10/2019 12:00

Instrument: ICP2 Analyst: TCH — Analyzed: 04/12/2019 15:30

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19D0152-02 A 02

Preparation Batch: BHD0364 — Sample Size: 25 mL (wet)

Prepared: 12-Apr-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0479**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Apr-2019 08:51

SO-TC-78B-041019

19D0152-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/10/2019 12:00

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 04/11/2019 10:59

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19D0152-02 A

Preparation Batch: BHD0320 — Sample Size: 20.82 g (wet)

Prepared: 11-Apr-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.67**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Apr-2019 08:51

SO-TC-78C-041019

19D0152-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/10/2019 12:10

Instrument: ICP2 Analyst: TCH — Analyzed: 04/12/2019 15:34

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19D0152-03 A 02

Preparation Batch: BHD0364 — Sample Size: 25 mL (wet)

Prepared: 12-Apr-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0732**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0106**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Apr-2019 08:51

SO-TC-78C-041019

19D0152-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/10/2019 12:10

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 04/11/2019 10:59

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19D0152-03 A

Preparation Batch: BHD0320 — Sample Size: 20.48 g (wet)

Prepared: 11-Apr-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.20**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
16-Apr-2019 08:51

TCLP Metals and Metallic Compounds - Quality Control

Batch BHD0364 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHD0364-BLK1)					Prepared: 12-Apr-2019 Analyzed: 12-Apr-2019 15:21						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Apr-2019 08:51

Wet Chemistry - Quality Control

Batch BHD0320 - EPA 9045D

Instrument: Accumet AR60 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHD0320-BS1)				Prepared: 11-Apr-2019 Analyzed: 11-Apr-2019 10:59							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.27-100.73			
Duplicate (BHD0320-DUP1)		**Source: 19D0152-01**		Prepared: 11-Apr-2019 Analyzed: 11-Apr-2019 10:59							
pH	8.63	0.01	0.01	pH Units		8.60			0.35	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Apr-2019 08:51

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	16-Apr-2019 08:51

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

19 April 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19D0215	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.04.19 14:05:57 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19D0215	Turn-around Requested: 3 Day	Date: 4/15/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 19.4
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Duggan		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-79A-041119	04/11/19	13:10	Soil	1	✔	✔							
SO-TC-79B-041119	04/11/19	13:20	Soil	1	✔	✔							
SO-TC-79C-041119	04/11/19	13:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Erin Sclle	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/15/2019 16:53	Date & Time: 4/15/19 1653	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2019 13:56

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-79A-041119	19D0215-01	Solid	11-Apr-2019 13:10	15-Apr-2019 16:53
SO-TC-79B-041119	19D0215-02	Solid	11-Apr-2019 13:20	15-Apr-2019 16:53
SO-TC-79C-041119	19D0215-03	Solid	11-Apr-2019 13:30	15-Apr-2019 16:53

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2019 13:56

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received April 15, 2019 under ARI work order 19D0215. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The method blank(s) were clean at the reporting limits.

The Duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: AERC Project Name: Superior Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other: _____

Assigned ARI Job No: 19D0215 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1653 19.4 1.7 ___ ___ ___ ___

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 00002565

Cooler Accepted by: [signature] Date: 4/15/19 Time: 1653

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap (Wet Ice) Gel Packs (Baggies) Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)	_____	

Was Sample Split by ARI : (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: SEF Date: 4-15-19 Time: 1712 Labels checked by: SEF

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2019 13:56

SO-TC-79A-041119

19D0215-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/11/2019 13:10

Instrument: ICP2 Analyst: TCH — Analyzed: 04/18/2019 13:24

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19D0215-01 A 02

Preparation Batch: BHD0461 — Sample Size: 25 mL (wet)

Prepared: 17-Apr-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0521**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2019 13:56

SO-TC-79A-041119

19D0215-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/11/2019 13:10

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 04/18/2019 07:22

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19D0215-01 A 01

Preparation Batch: BHD0500 — Sample Size: 20.03 g (wet)

Prepared: 18-Apr-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.06**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2019 13:56

SO-TC-79B-041119

19D0215-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/11/2019 13:20

Instrument: ICP2 Analyst: TCH — Analyzed: 04/18/2019 13:29

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19D0215-02 A 02

Preparation Batch: BHD0461 — Sample Size: 25 mL (wet)

Prepared: 17-Apr-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0468**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0084**	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2019 13:56

SO-TC-79B-041119

19D0215-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/11/2019 13:20

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 04/18/2019 07:22

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19D0215-02 A

Preparation Batch: BHD0500 — Sample Size: 20.11 g (wet)

Prepared: 18-Apr-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.59**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2019 13:56

SO-TC-79C-041119

19D0215-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/11/2019 13:30

Instrument: ICP2 Analyst: TCH — Analyzed: 04/18/2019 13:33

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19D0215-03 A 02

Preparation Batch: BHD0461 — Sample Size: 25 mL (wet)

Prepared: 17-Apr-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0472**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0085**	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2019 13:56

SO-TC-79C-041119

19D0215-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/11/2019 13:30

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 04/18/2019 07:22

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19D0215-03 A

Preparation Batch: BHD0500 — Sample Size: 20.27 g (wet)

Prepared: 18-Apr-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**12.0**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
19-Apr-2019 13:56

TCLP Metals and Metallic Compounds - Quality Control

Batch BHD0461 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHD0461-BLK1)					Prepared: 17-Apr-2019 Analyzed: 18-Apr-2019 13:07						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2019 13:56

Wet Chemistry - Quality Control

Batch BHD0500 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHD0500-BS1)				Prepared: 18-Apr-2019 Analyzed: 18-Apr-2019 07:22							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BHD0500-DUP1)		**Source: 19D0215-01**		Prepared: 18-Apr-2019 Analyzed: 18-Apr-2019 07:22							
pH	9.09	0.01	0.01	pH Units		9.06			0.33	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2019 13:56

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	19-Apr-2019 13:56

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

29 April 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19D0326	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.04.29 11:40:31 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19D0326	Turn-around Requested: 3 Day	Date: 4/22/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 19.2 °C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-79B2-042219	04/22/19	10:45	Soil	1	✔	✔	
SO-TC-79C2-042219	04/22/19	11:00	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Jeff King	Printed Name: Jacob Walk	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/22/19 3:48	Date & Time: 04/23/19 1548	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-79B2-042219	19D0326-01	Solid	22-Apr-2019 10:45	22-Apr-2019 15:48
SO-TC-79C2-042219	19D0326-02	Solid	22-Apr-2019 11:00	22-Apr-2019 15:48

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:31

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received April 22, 2019 under ARI work order 19D0326. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed outside the recommended holding times. The pH holding time was exceeded upon sample receipt.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 19D0326

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1548 19.2°C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D005206

Cooler Accepted by: JM Date: 04/22/19 Time: 1548

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: Box

Was sufficient ice used (if appropriate)? NA YES (NO)

How were bottles sealed in plastic bags? Individually Grouped (Not)

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)... (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI. (NA) _____

Were sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JM Date: 04/22/19 Time: 1623 Labels checked by: JM

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19D0326

Cooler#: _____ **Temperature(°C):** 19.2°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 04/22/19 Time: 1548

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:31

SO-TC-79B2-042219

19D0326-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/22/2019 10:45

Instrument: ICP2 Analyst: TCH — Analyzed: 04/25/2019 11:55

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19D0326-01 A 02

Preparation Batch: BHD0643 — Sample Size: 25 mL (wet) — Dry Weight:17.39 mL

Prepared: 24-Apr-2019 — Final Volume: 25 mL — % Solids: 69.56

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0804**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:31

SO-TC-79B2-042219

19D0326-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/22/2019 10:45

Instrument: Accumet AR60 Analyst: UW — Analyzed: 04/24/2019 14:53

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19D0326-01 A 02

Preparation Batch: BHD0661 — Sample Size: 20 g (wet) — Dry Weight:13.91 g

Prepared: 24-Apr-2019 — Final Volume: 20 g — % Solids: 69.56

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.74**	pH Units	H

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:31

SO-TC-79B2-042219

19D0326-01 (Solid)

Wet Chemistry

Method: SM 2540 G-97 — Sampled: 04/22/2019 10:45

Instrument: BAL2 Analyst: KLE — Analyzed: 04/24/2019 02:54

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19D0326-01

Preparation Batch: BHD0640 — Sample Size: 10 g (wet) — Dry Weight:6.96 g

Prepared: 24-Apr-2019 — Final Volume: 10 g — % Solids: 69.56

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Solids		1	0.04	0.04	**69.56**	%	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:31

SO-TC-79C2-042219

19D0326-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/22/2019 11:00

Instrument: ICP2 Analyst: TCH — Analyzed: 04/25/2019 11:59

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19D0326-02 A 02

Preparation Batch: BHD0643 — Sample Size: 25 mL (wet) — Dry Weight:16.59 mL

Prepared: 24-Apr-2019 — Final Volume: 25 mL — % Solids: 66.35

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0902**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0098**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:31

SO-TC-79C2-042219

19D0326-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/22/2019 11:00

Instrument: Accumet AR60 Analyst: UW — Analyzed: 04/24/2019 14:53

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19D0326-02 A 02

Preparation Batch: BHD0661 — Sample Size: 20 g (wet) — Dry Weight: 13.27 g

Prepared: 24-Apr-2019 — Final Volume: 20 g — % Solids: 66.35

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.45**	pH Units	H

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:31

SO-TC-79C2-042219

19D0326-02 (Solid)

Wet Chemistry

Method: SM 2540 G-97 — Sampled: 04/22/2019 11:00

Instrument: BAL2 Analyst: KLE — Analyzed: 04/24/2019 02:54

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19D0326-02

Preparation Batch: BHD0640 — Sample Size: 10 g (wet) — Dry Weight:6.64 g

Prepared: 24-Apr-2019 — Final Volume: 10 g — % Solids: 66.35

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Solids		1	0.04	0.04	**66.35**	%	

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4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
29-Apr-2019 11:31

TCLP Metals and Metallic Compounds - Quality Control

Batch BHD0643 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHD0643-BLK1)					Prepared: 24-Apr-2019 Analyzed: 25-Apr-2019 11:42						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
29-Apr-2019 11:31

Wet Chemistry - Quality Control

Batch BHD0640 - No Prep Wet Chem

Instrument: BAL2 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHD0640-BLK1)				Prepared: 24-Apr-2019 Analyzed: 24-Apr-2019 02:54							
Total Solids	ND	0.04	0.04	%							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:31

Wet Chemistry - Quality Control

Batch BHD0661 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHD0661-BS1)				Prepared: 24-Apr-2019 Analyzed: 24-Apr-2019 14:53							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:31

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	29-Apr-2019 11:31

Notes and Definitions

D	The reported value is from a dilution
H	Hold time violation - Hold time was exceeded.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

29 April 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19D0325	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.04.29 11:40:11 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in it entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19D0325	Turn-around Requested: 3 Day	Date: 4/22/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 19.2 °C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C	Analysis Requested						Notes/Comments
SO-TC-80A-042219	04/22/19	08:30	Soil	1	✔	✔							
SO-TC-80B-042219	04/22/19	08:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Jeff King	Printed Name: Jacob Waltz	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/22/19 3:48	Date & Time: 04/22/19 1548	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:26

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-80A-042219	19D0325-01	Solid	22-Apr-2019 08:30	22-Apr-2019 15:48
SO-TC-80B-042219	19D0325-02	Solid	22-Apr-2019 08:45	22-Apr-2019 15:48

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:26

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received April 22, 2019 under ARI work order 19D0325. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed outside the recommended holding times. The pH holding time was exceeded upon sample receipt.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 19D0325

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1548 | 19.2°C | | | | | |

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00S206

Cooler Accepted by: JJW Date: 04/22/19 Time: 1548

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: Box		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	Grouped	(Not)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JJW Date: 04/22/19 Time: 1620 Labels checked by: JJW

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19D0325

Cooler#: _____ Temperature(°C): 19.2°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 04/22/19 Time: 1548

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:26

SO-TC-80A-042219

19D0325-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/22/2019 08:30

Instrument: ICP2 Analyst: TCH — Analyzed: 04/25/2019 11:46

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19D0325-01 A 02

Preparation Batch: BHD0643 — Sample Size: 25 mL (wet) — Dry Weight:22.82 mL

Prepared: 24-Apr-2019 — Final Volume: 25 mL — % Solids: 91.27

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.752**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**2.51**	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:26

SO-TC-80A-042219

19D0325-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/22/2019 08:30

Instrument: Accumet AR60 Analyst: UW — Analyzed: 04/24/2019 14:53

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19D0325-01 A 02

Preparation Batch: BHD0661 — Sample Size: 20 g (wet) — Dry Weight:18.25 g

Prepared: 24-Apr-2019 — Final Volume: 20 g — % Solids: 91.27

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.50**	pH Units	H

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:26

SO-TC-80A-042219

19D0325-01 (Solid)

Wet Chemistry

Method: SM 2540 G-97 — Sampled: 04/22/2019 08:30

Instrument: BAL2 Analyst: KLE — Analyzed: 04/24/2019 02:54

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19D0325-01

Preparation Batch: BHD0640 — Sample Size: 10 g (wet) — Dry Weight:9.13 g

Prepared: 24-Apr-2019 — Final Volume: 10 g — % Solids: 91.27

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Solids		1	0.04	0.04	**91.27**	%	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:26

SO-TC-80B-042219

19D0325-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/22/2019 08:45

Instrument: ICP2 Analyst: TCH — Analyzed: 04/25/2019 11:51

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19D0325-02 A 02

Preparation Batch: BHD0643 — Sample Size: 25 mL (wet) — Dry Weight:20.39 mL

Prepared: 24-Apr-2019 — Final Volume: 25 mL — % Solids: 81.55

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.163**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**1.52**	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:26

SO-TC-80B-042219

19D0325-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/22/2019 08:45

Instrument: Accumet AR60 Analyst: UW — Analyzed: 04/24/2019 14:53

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19D0325-02 A 02

Preparation Batch: BHD0661 — Sample Size: 20 g (wet) — Dry Weight:16.31 g

Prepared: 24-Apr-2019 — Final Volume: 20 g — % Solids: 81.55

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.01**	pH Units	H

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:26

SO-TC-80B-042219

19D0325-02 (Solid)

Wet Chemistry

Method: SM 2540 G-97 — Sampled: 04/22/2019 08:45

Instrument: BAL2 Analyst: KLE — Analyzed: 04/24/2019 02:54

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19D0325-02

Preparation Batch: BHD0640 — Sample Size: 10 g (wet) — Dry Weight:8.15 g

Prepared: 24-Apr-2019 — Final Volume: 10 g — % Solids: 81.55

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Solids		1	0.04	0.04	**81.55**	%	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
29-Apr-2019 11:26

TCLP Metals and Metallic Compounds - Quality Control

Batch BHD0643 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHD0643-BLK1)					Prepared: 24-Apr-2019 Analyzed: 25-Apr-2019 11:42						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:26

Wet Chemistry - Quality Control

Batch BHD0640 - No Prep Wet Chem

Instrument: BAL2 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHD0640-BLK1)				Prepared: 24-Apr-2019 Analyzed: 24-Apr-2019 02:54							
Total Solids	ND	0.04	0.04	%							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:26

Wet Chemistry - Quality Control

Batch BHD0661 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHD0661-BS1)	Prepared: 24-Apr-2019 Analyzed: 24-Apr-2019 14:53										
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:26

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:26

Notes and Definitions

D	The reported value is from a dilution
H	Hold time violation - Hold time was exceeded.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

29 April 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19D0327	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.04.29 11:40:51 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19D0327	Turn-around Requested: 3 Day	Date: 4/22/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 19.2°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-81A-042219	04/22/19	09:00	Soil	1	✔	✔	
SO-TC-81B-042219	04/22/19	09:15	Soil	1	✔	✔	
SO-TC-81C-042219	04/22/19	09:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Jeff King	Printed Name: Jaws walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/22/19 3:48	Date & Time: 04/22/19 1548	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-81A-042219	19D0327-01	Solid	22-Apr-2019 09:00	22-Apr-2019 15:48
SO-TC-81B-042219	19D0327-02	Solid	22-Apr-2019 09:15	22-Apr-2019 15:48
SO-TC-81C-042219	19D0327-03	Solid	22-Apr-2019 09:30	22-Apr-2019 15:48

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:33

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received April 22, 2019 under ARI work order 19D0327. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed outside the recommended holding times. The pH holding time was exceeded upon sample receipt.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 19D0327

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1548 — 19.2°C

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: D005206

Cooler Accepted by: JSW Date: 04/22/19 Time: 1548

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: Box			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	Grouped	(Not)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JSW Date: 04/22/19 Time: 1625 Labels checked by: JSW

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19D0327

Cooler#: _____ Temperature(°C): 19.2°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 04/22/19 Time: 1548

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:33

SO-TC-81A-042219

19D0327-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/22/2019 09:00

Instrument: ICP2 Analyst: TCH — Analyzed: 04/25/2019 12:03

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19D0327-01 A 02

Preparation Batch: BHD0643 — Sample Size: 25 mL (wet) — Dry Weight:18.66 mL

Prepared: 24-Apr-2019 — Final Volume: 25 mL — % Solids: 74.65

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0785**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:33

SO-TC-81A-042219

19D0327-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/22/2019 09:00

Instrument: Accumet AR60 Analyst: UW — Analyzed: 04/24/2019 14:53

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19D0327-01 A 02

Preparation Batch: BHD0661 — Sample Size: 20 g (wet) — Dry Weight:14.93 g

Prepared: 24-Apr-2019 — Final Volume: 20 g — % Solids: 74.65

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**10.4**	pH Units	H

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:33

SO-TC-81A-042219

19D0327-01 (Solid)

Wet Chemistry

Method: SM 2540 G-97 — Sampled: 04/22/2019 09:00

Instrument: BAL2 Analyst: KLE — Analyzed: 04/24/2019 02:54

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19D0327-01

Preparation Batch: BHD0640 — Sample Size: 10 g (wet) — Dry Weight:7.47 g

Prepared: 24-Apr-2019 — Final Volume: 10 g — % Solids: 74.65

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Solids		1	0.04	0.04	**74.65**	%	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:33

SO-TC-81B-042219

19D0327-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/22/2019 09:15

Instrument: ICP2 Analyst: TCH — Analyzed: 04/25/2019 12:08

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19D0327-02 A 02

Preparation Batch: BHD0643 — Sample Size: 25 mL (wet) — Dry Weight:19.15 mL

Prepared: 24-Apr-2019 — Final Volume: 25 mL — % Solids: 76.60

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0535**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:33

SO-TC-81B-042219

19D0327-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/22/2019 09:15

Instrument: Accumet AR60 Analyst: UW — Analyzed: 04/24/2019 14:53

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19D0327-02 A 02

Preparation Batch: BHD0661 — Sample Size: 20 g (wet) — Dry Weight: 15.32 g

Prepared: 24-Apr-2019 — Final Volume: 20 g — % Solids: 76.60

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**10.7**	pH Units	H

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:33

SO-TC-81B-042219

19D0327-02 (Solid)

Wet Chemistry

Method: SM 2540 G-97 — Sampled: 04/22/2019 09:15

Instrument: BAL2 Analyst: KLE — Analyzed: 04/24/2019 02:54

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19D0327-02

Preparation Batch: BHD0640 — Sample Size: 10 g (wet) — Dry Weight:7.66 g

Prepared: 24-Apr-2019 — Final Volume: 10 g — % Solids: 76.60

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Solids		1	0.04	0.04	**76.60**	%	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:33

SO-TC-81C-042219

19D0327-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/22/2019 09:30

Instrument: ICP2 Analyst: TCH — Analyzed: 04/25/2019 12:37

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19D0327-03 A 02

Preparation Batch: BHD0643 — Sample Size: 25 mL (wet) — Dry Weight:19.45 mL

Prepared: 24-Apr-2019 — Final Volume: 25 mL — % Solids: 77.80

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0956**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:33

SO-TC-81C-042219

19D0327-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/22/2019 09:30

Instrument: Accumet AR60 Analyst: UW — Analyzed: 04/24/2019 14:53

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19D0327-03 A 02

Preparation Batch: BHD0661 — Sample Size: 20 g (wet) — Dry Weight:15.56 g

Prepared: 24-Apr-2019 — Final Volume: 20 g — % Solids: 77.80

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**12.0**	pH Units	H

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:33

SO-TC-81C-042219

19D0327-03 (Solid)

Wet Chemistry

Method: SM 2540 G-97 — Sampled: 04/22/2019 09:30

Instrument: BAL2 Analyst: KLE — Analyzed: 04/24/2019 02:54

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19D0327-03

Preparation Batch: BHD0640 — Sample Size: 10 g (wet) — Dry Weight:7.78 g

Prepared: 24-Apr-2019 — Final Volume: 10 g — % Solids: 77.80

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Total Solids		1	0.04	0.04	**77.80**	%	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
29-Apr-2019 11:33

TCLP Metals and Metallic Compounds - Quality Control

Batch BHD0643 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHD0643-BLK1)					Prepared: 24-Apr-2019 Analyzed: 25-Apr-2019 11:42						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
29-Apr-2019 11:33

Wet Chemistry - Quality Control

Batch BHD0640 - No Prep Wet Chem

Instrument: BAL2 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHD0640-BLK1)				Prepared: 24-Apr-2019 Analyzed: 24-Apr-2019 02:54							
Total Solids	ND	0.04	0.04	%							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:33

Wet Chemistry - Quality Control

Batch BHD0661 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHD0661-BS1)	Prepared: 24-Apr-2019 Analyzed: 24-Apr-2019 14:53										
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2019 11:33

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	29-Apr-2019 11:33

Notes and Definitions

D	The reported value is from a dilution
H	Hold time violation - Hold time was exceeded.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

07 May 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19D0434	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19D0434	Turn-around Requested: 3 Day	Date: 4/30/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 2.3, 6
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Duggan		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-82A-043019	04/30/19	10:30	Soil	1	✔	✔	
SO-TC-82B-043019	04/30/19	10:40	Soil	1	✔	✔	
SO-TC-82C-043019	04/30/19	10:50	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Stephanie Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/30/19 17:05	Date & Time: 4-30-19 1705 ~~1713~~	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2019 14:42

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-82A-043019	19D0434-01	Solid	30-Apr-2019 10:30	30-Apr-2019 17:05
SO-TC-82B-043019	19D0434-02	Solid	30-Apr-2019 10:40	30-Apr-2019 17:05
SO-TC-82C-043019	19D0434-03	Solid	30-Apr-2019 10:50	30-Apr-2019 17:05

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2019 14:42

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received April 30, 2019 under ARI work order 19D0434. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The Duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The Duplicate RPD and Matrix Spike percent recovery were within control limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Dec Project Name: Superion plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No. 19D0434 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 23.6

Time 1705

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID# D00256C

Cooler Accepted by: SoF Date: 4-30-19 Time: 1705

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:

Was sufficient ice used (if appropriate)? NA YES NO

How were bottles sealed in plastic bags? Individually Grouped Not

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI NA

Were sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: SoF Date: 4-30-19 Time: 1721 Labels checked by: SoF

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19D0434

Cooler#: 1 Temperature(°C): 23.10

Sample ID	Bottle Count	Bottle Type
Samples received above 6°	3	8 oz jars

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: SAF Date: 4-30-19 Time: 1705

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2019 14:42

SO-TC-82A-043019

19D0434-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/30/2019 10:30

Instrument: ICP2 Analyst: MCB — Analyzed: 05/06/2019 17:08

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19D0434-01 A 03

Preparation Batch: BHE0081 — Sample Size: 25 mL (wet)

Prepared: 06-May-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0638**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2019 14:42

SO-TC-82A-043019

19D0434-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/30/2019 10:30

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 05/02/2019 12:47

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19D0434-01 A 01

Preparation Batch: BHE0048 — Sample Size: 20.79 g (wet)

Prepared: 02-May-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.67**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2019 14:42

SO-TC-82B-043019

19D0434-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/30/2019 10:40

Instrument: ICP2 Analyst: MCB — Analyzed: 05/06/2019 16:59

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19D0434-02 A 03

Preparation Batch: BHE0081 — Sample Size: 25 mL (wet)

Prepared: 06-May-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0482**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2019 14:42

SO-TC-82B-043019

19D0434-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/30/2019 10:40

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 05/02/2019 12:47

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19D0434-02 A 01

Preparation Batch: BHE0048 — Sample Size: 20.51 g (wet)

Prepared: 02-May-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.95**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2019 14:42

SO-TC-82C-043019

19D0434-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/30/2019 10:50

Instrument: ICP2 Analyst: MCB — Analyzed: 05/06/2019 17:04

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19D0434-03 A 03

Preparation Batch: BHE0081 — Sample Size: 25 mL (wet)

Prepared: 06-May-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0507**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2019 14:42

SO-TC-82C-043019

19D0434-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/30/2019 10:50

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 05/02/2019 12:47

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19D0434-03 A 01

Preparation Batch: BHE0048 — Sample Size: 20.92 g (wet)

Prepared: 02-May-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.89**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
07-May-2019 14:42

TCLP Metals and Metallic Compounds - Quality Control

Batch BHE0081 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHE0081-BLK1)				Prepared: 03-May-2019 Analyzed: 06-May-2019 16:55							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BHE0081-DUP1)		**Source: 19D0434-01**		Prepared: 03-May-2019 Analyzed: 06-May-2019 17:12							
Arsenic	0.0478	0.0140	0.250	mg/L		0.0638			28.60	20	L, J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BHE0081-MS1)		**Source: 19D0434-01**		Prepared: 03-May-2019 Analyzed: 06-May-2019 17:16							
Arsenic	2.02	0.0140	0.250	mg/L	2.00	0.0638	97.9	75-125			
Lead	1.94	0.0065	0.100	mg/L	2.00	ND	96.9	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
07-May-2019 14:42

Wet Chemistry - Quality Control

Batch BHE0048 - EPA 9045D

Instrument: Accumet AR60 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHE0048-BS1)				Prepared: 02-May-2019 Analyzed: 02-May-2019 12:47							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			
Duplicate (BHE0048-DUP1)		**Source: 19D0434-01**		Prepared: 02-May-2019 Analyzed: 02-May-2019 12:47							
pH	9.66	0.01	0.01	pH Units		9.67			0.10	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2019 14:42

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-011	05/12/2019
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	07-May-2019 14:42

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

14 May 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19E0094	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.05.14 14:01:12 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19E0094	Turn-around Requested: 3 Day	Date: 5/7/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 22.6°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-83A-050719	05/07/19	08:00	Soil	1	✔	✔	
SO-TC-83B-050719	05/07/19	08:15	Soil	1	✔	✔	
SO-TC-83C-050719	05/07/19	08:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	5/7/2019 16:46		Jacobsen	ARI	05/07/19 1646								

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-May-2019 13:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-83A-050719	19E0094-01	Solid	07-May-2019 08:00	07-May-2019 16:46
SO-TC-83B-050719	19E0094-02	Solid	07-May-2019 08:15	07-May-2019 16:46
SO-TC-83C-050719	19E0094-03	Solid	07-May-2019 08:30	07-May-2019 16:46

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-May-2019 13:58

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received May 7, 2019 under ARI work order 19E0094. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 19E0094

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1646 22.6i

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00506

Cooler Accepted by: JJw Date: 05/07/19 Time: 1646

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:

Was sufficient ice used (if appropriate)? NA YES NO

How were bottles sealed in plastic bags? Individually Grouped Not

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI NA

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: JJw Date: 05/07/19 Time: 1749 Labels checked by: JJw

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19E0094

Cooler#: _____ **Temperature(°C):** 22.6 °C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JJW Date: 05/07/19 Time: 1641

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-May-2019 13:58

SO-TC-83A-050719

19E0094-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/07/2019 08:00

Instrument: ICP2 Analyst: TCH — Analyzed: 05/13/2019 09:50

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19E0094-01 A 02

Preparation Batch: BHE0265 — Sample Size: 25 mL (wet)

Prepared: 10-May-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0618**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0089**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-May-2019 13:58

SO-TC-83A-050719

19E0094-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/07/2019 08:00

Instrument: Accumet AR60 Analyst: CDE — Analyzed: 05/14/2019 13:22

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19E0094-01 A

Preparation Batch: BHE0337 — Sample Size: 20 g (wet)

Prepared: 14-May-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.69**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-May-2019 13:58

SO-TC-83B-050719

19E0094-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/07/2019 08:15

Instrument: ICP2 Analyst: TCH — Analyzed: 05/13/2019 09:54

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19E0094-02 A 02

Preparation Batch: BHE0265 — Sample Size: 25 mL (wet)

Prepared: 10-May-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0348**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-May-2019 13:58

SO-TC-83B-050719

19E0094-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/07/2019 08:15

Instrument: Accumet AR60 Analyst: CDE — Analyzed: 05/14/2019 13:22

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19E0094-02 A

Preparation Batch: BHE0337 — Sample Size: 20 g (wet)

Prepared: 14-May-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.07**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-May-2019 13:58

SO-TC-83C-050719

19E0094-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/07/2019 08:30

Instrument: ICP2 Analyst: TCH — Analyzed: 05/13/2019 09:58

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19E0094-03 A 02

Preparation Batch: BHE0265 — Sample Size: 25 mL (wet)

Prepared: 10-May-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0456**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0077**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-May-2019 13:58

SO-TC-83C-050719

19E0094-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/07/2019 08:30

Instrument: Accumet AR60 Analyst: CDE — Analyzed: 05/14/2019 13:22

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19E0094-03 A

Preparation Batch: BHE0337 — Sample Size: 20.07 g (wet)

Prepared: 14-May-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.51**	pH Units	

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4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
14-May-2019 13:58

TCLP Metals and Metallic Compounds - Quality Control

Batch BHE0265 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHE0265-BLK1)				Prepared: 10-May-2019 Analyzed: 13-May-2019 09:45							
Arsenic	0.0166	0.0140	0.250	mg/L							J
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-May-2019 13:58

Wet Chemistry - Quality Control

Batch BHE0337 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: CDE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHE0337-BS1)				Prepared: 14-May-2019 Analyzed: 14-May-2019 13:22							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			
Duplicate (BHE0337-DUP1)		**Source: 19E0094-01**		Prepared: 14-May-2019 Analyzed: 14-May-2019 13:22							
pH	8.77	0.01	0.01	pH Units		8.69			0.92	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-May-2019 13:58

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	14-May-2019 13:58

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

21 May 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19E0197	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.05.21 11:48:11 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19E0197	Turn-around Requested: 3 Day	Date: 5/14/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 0	Cooler Temps: 22.3°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-84A-051419	05/14/19	13:00	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/14/19 16:56	Date & Time: 05/14/19 1656	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2019 11:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-84A-051419	19E0197-01	Solid	14-May-2019 13:00	14-May-2019 16:56

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2019 11:44

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received May 14, 2019 under ARI work order 19E0197. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): (NA)

Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other:

Assigned ARI Job No: 19E0197

Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1656 22.3°C

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00572006

Cooler Accepted by: JSW Date: 05/14/19 Time: 1656

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap (Wet Ice) Gel Packs (Baggies) Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: JSW Date: 05/14/19 Time: 1712 Labels checked by: JSW

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 1960197

Cooler#: _____ **Temperature(°C):** 22.3°C

Sample ID	Bottle Count	Bottle Type
Samples received about 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JAV Date: 05/14/19 Time: 1656

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2019 11:44

SO-TC-84A-051419

19E0197-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/14/2019 13:00

Instrument: ICP2 Analyst: TCH — Analyzed: 05/20/2019 13:54

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19E0197-01 A 02

Preparation Batch: BHE0454 — Sample Size: 25 mL (wet)

Prepared: 17-May-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0945**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.260**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2019 11:44

SO-TC-84A-051419

19E0197-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/14/2019 13:00

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 05/16/2019 07:45

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19E0197-01 A

Preparation Batch: BHE0416 — Sample Size: 20 g (wet)

Prepared: 16-May-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.42**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
21-May-2019 11:44

TCLP Metals and Metallic Compounds - Quality Control

Batch BHE0454 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHE0454-BLK1)	Prepared: 17-May-2019 Analyzed: 20-May-2019 13:33										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
21-May-2019 11:44

Wet Chemistry - Quality Control

Batch BHE0416 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHE0416-BS1)				Prepared: 16-May-2019 Analyzed: 16-May-2019 07:45							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2019 11:44

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2019 11:44

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

21 May 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19E0196	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.05.21 11:47:50 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19E0196	Turn-around Requested: 3 Day	Date: 5/14/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 22.3°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb only	pH 9045C							Notes/Comments
SO-TC-85A-051419	05/14/19	14:00	Soil	1	✔	✔							
SO-TC-85B-051419	05/14/19	14:10	Soil	1	✔	✔							
SO-TC-85C-051419	05/14/19	14:20	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/14/19 16:56	Date & Time: 05/14/19 1656	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2019 11:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-85A-051419	19E0196-01	Solid	14-May-2019 14:00	14-May-2019 16:56
SO-TC-85B-051419	19E0196-02	Solid	14-May-2019 14:10	14-May-2019 16:56
SO-TC-85C-051419	19E0196-03	Solid	14-May-2019 14:20	14-May-2019 16:56

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2019 11:43

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received May 14, 2019 under ARI work order 19E0196. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The Duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PGRC

Project Name: Superlon Plastics

COC No(s): (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 19E0196

Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1656 22.3°C

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00 5206

Cooler Accepted by: JBW Date: 05/14/19 Time: 1656

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap (Wet Ice) Gel Packs (Baggies) Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: JBW Date: 05/14/19 Time: 1710 Labels checked by: JBW

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19E0196

Cooler#: _____ Temperature(°C): 22.3°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: JAL Date: 05/14/19 Time: 1656

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2019 11:43

SO-TC-85A-051419

19E0196-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/14/2019 14:00

Instrument: ICP2 Analyst: TCH — Analyzed: 05/20/2019 13:41

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19E0196-01 A 02

Preparation Batch: BHE0454 — Sample Size: 25 mL (wet)

Prepared: 17-May-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0384**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0073**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2019 11:43

SO-TC-85A-051419

19E0196-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/14/2019 14:00

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 05/16/2019 07:45

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19E0196-01 A

Preparation Batch: BHE0416 — Sample Size: 20 g (wet)

Prepared: 16-May-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.93**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2019 11:43

SO-TC-85B-051419

19E0196-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/14/2019 14:10

Instrument: ICP2 Analyst: TCH — Analyzed: 05/20/2019 13:45

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19E0196-02 A 02

Preparation Batch: BHE0454 — Sample Size: 25 mL (wet)

Prepared: 17-May-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0726**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2019 11:43

SO-TC-85B-051419

19E0196-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/14/2019 14:10

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 05/16/2019 07:45

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19E0196-02 A

Preparation Batch: BHE0416 — Sample Size: 20 g (wet)

Prepared: 16-May-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.99**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2019 11:43

SO-TC-85C-051419

19E0196-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/14/2019 14:20

Instrument: ICP2 Analyst: TCH — Analyzed: 05/20/2019 13:50

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19E0196-03 A 02

Preparation Batch: BHE0454 — Sample Size: 25 mL (wet)

Prepared: 17-May-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0498**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2019 11:43

SO-TC-85C-051419

19E0196-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/14/2019 14:20

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 05/16/2019 07:45

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19E0196-03 A

Preparation Batch: BHE0416 — Sample Size: 20 g (wet)

Prepared: 16-May-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.82**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
21-May-2019 11:43

TCLP Metals and Metallic Compounds - Quality Control

Batch BHE0454 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHE0454-BLK1)	Prepared: 17-May-2019 Analyzed: 20-May-2019 13:33										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2019 11:43

Wet Chemistry - Quality Control

Batch BHE0416 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHE0416-BS1)				Prepared: 16-May-2019 Analyzed: 16-May-2019 07:45							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BHE0416-DUP1)		**Source: 19E0196-01**		Prepared: 16-May-2019 Analyzed: 16-May-2019 07:45							
pH	8.97	0.01	0.01	pH Units		8.93			0.45	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2019 11:43

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	21-May-2019 11:43

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

28 May 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19E0294	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.05.29 08:19:18 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19E0294	Turn-around Requested: 3 Day	Date: 5/21/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 20.4°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Duggan		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-86A-052119	05/21/19	08:30	Soil	1	✔	✔	
SO-TC-86B-052119	05/21/19	08:40	Soil	1	✔	✔	
SO-TC-86C-052119	05/21/19	08:50	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/21/19 11:58	Date & Time: 05/21/19 1158	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-May-2019 14:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-86A-052119	19E0294-01	Solid	21-May-2019 08:30	21-May-2019 11:58
SO-TC-86B-052119	19E0294-02	Solid	21-May-2019 08:40	21-May-2019 11:58
SO-TC-86C-052119	19E0294-03	Solid	21-May-2019 08:50	21-May-2019 11:58

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-May-2019 14:44

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received May 21, 2019 under ARI work order 19E0294. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 19E0294 Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 20.4°C

Time 1158

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 5206

Cooler Accepted by: JAM Date: 05/21/19 Time: 1158

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JAM Date: 05/21/19 Time: 1217 Labels checked by: JAM

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19E0294

Cooler#: _____ **Temperature(°C):** 20, 4°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: _____ Time: _____

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-May-2019 14:44

SO-TC-86A-052119

19E0294-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/21/2019 08:30

Instrument: ICP2 Analyst: TCH — Analyzed: 05/24/2019 11:42

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19E0294-01 A 04

Preparation Batch: BHE0595 — Sample Size: 25 mL (wet)

Prepared: 23-May-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0700**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-May-2019 14:44

SO-TC-86A-052119

19E0294-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/21/2019 08:30

Instrument: Accumet AR60 Analyst: YK — Analyzed: 05/23/2019 11:56

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19E0294-01 A

Preparation Batch: BHE0604 — Sample Size: 20.7 g (wet)

Prepared: 23-May-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.99**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-May-2019 14:44

SO-TC-86B-052119

19E0294-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/21/2019 08:40

Instrument: ICP2 Analyst: TCH — Analyzed: 05/24/2019 11:46

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19E0294-02 A 04

Preparation Batch: BHE0595 — Sample Size: 25 mL (wet)

Prepared: 23-May-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0883**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-May-2019 14:44

SO-TC-86B-052119

19E0294-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/21/2019 08:40

Instrument: Accumet AR60 Analyst: YK — Analyzed: 05/23/2019 11:56

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19E0294-02 A

Preparation Batch: BHE0604 — Sample Size: 20.19 g (wet)

Prepared: 23-May-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.96**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-May-2019 14:44

SO-TC-86C-052119

19E0294-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/21/2019 08:50

Instrument: ICP2 Analyst: TCH — Analyzed: 05/24/2019 11:51

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19E0294-03 A 04

Preparation Batch: BHE0595 — Sample Size: 25 mL (wet)

Prepared: 23-May-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0939**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-May-2019 14:44

SO-TC-86C-052119

19E0294-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/21/2019 08:50

Instrument: Accumet AR60 Analyst: YK — Analyzed: 05/23/2019 11:56

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19E0294-03 A

Preparation Batch: BHE0604 — Sample Size: 20.84 g (wet)

Prepared: 23-May-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.89**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
28-May-2019 14:44

TCLP Metals and Metallic Compounds - Quality Control

Batch BHE0595 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHE0595-BLK1)	Prepared: 23-May-2019 Analyzed: 24-May-2019 11:34										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-May-2019 14:44

Wet Chemistry - Quality Control

Batch BHE0604 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: YK

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHE0604-BS1)	Prepared: 23-May-2019 Analyzed: 23-May-2019 11:56										
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-May-2019 14:44

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	28-May-2019 14:44

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

04 June 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19E0388	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.06.04 12:51:45 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19E0388	Turn-around Requested: 3 Day	Date: 5/28/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 21.9°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Duggan		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-87A-052819	05/28/19	09:00	Soil	1	✔	✔							
SO-TC-87B-052819	05/28/19	09:15	Soil	1	✔	✔							
SO-TC-87C-052819	05/28/19	09:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	5/29/19 17:14		Jacob Walter	ARI	05/28/19 1714								

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2019 12:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-87A-052819	19E0388-01	Solid	28-May-2019 09:00	28-May-2019 17:14
SO-TC-87B-052819	19E0388-02	Solid	28-May-2019 09:15	28-May-2019 17:14
SO-TC-87C-052819	19E0388-03	Solid	28-May-2019 09:30	28-May-2019 17:14

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2019 12:45

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received May 28, 2019 under ARI work order 19E0388. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The Duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: RPC Project Name: Superior Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: ____

Assigned ARI Job No: 19E0388 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1714 21.9°C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DOO 5006

Cooler Accepted by: JDW Date: 05/28/19 Time: 1714

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: ____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)	____	

Were the sample(s) split by ARI? (NA) YES Date/Time: ____ Equipment: ____ Split by: ____

Samples Logged by: JDW Date: 05/28/19 Time: 1746 Labels checked by: JDW

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19E0388

Cooler#: _____ **Temperature(°C):** 21.9°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JM Date: 05/28/19 Time: 1514

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2019 12:45

SO-TC-87A-052819

19E0388-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/28/2019 09:00

Instrument: ICP2 Analyst: TCH — Analyzed: 05/31/2019 09:03

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19E0388-01 A 02

Preparation Batch: BHE0745 — Sample Size: 25 mL (wet)

Prepared: 30-May-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.134**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2019 12:45

SO-TC-87A-052819

19E0388-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/28/2019 09:00

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 05/30/2019 23:50

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19E0388-01 A

Preparation Batch: BHE0780 — Sample Size: 20.15 g (wet)

Prepared: 30-May-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.82**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2019 12:45

SO-TC-87B-052819

19E0388-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/28/2019 09:15

Instrument: ICP2 Analyst: MCB — Analyzed: 06/03/2019 15:47

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19E0388-02 A 02

Preparation Batch: BHE0745 — Sample Size: 25 mL (wet)

Prepared: 30-May-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0347**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0090**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2019 12:45

SO-TC-87B-052819

19E0388-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/28/2019 09:15

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 05/30/2019 23:50

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19E0388-02 A

Preparation Batch: BHE0780 — Sample Size: 20.4 g (wet)

Prepared: 30-May-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.64**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2019 12:45

SO-TC-87C-052819

19E0388-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/28/2019 09:30

Instrument: ICP2 Analyst: MCB — Analyzed: 06/03/2019 15:51

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19E0388-03 A 02

Preparation Batch: BHE0745 — Sample Size: 25 mL (wet)

Prepared: 30-May-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0555**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0486**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2019 12:45

SO-TC-87C-052819

19E0388-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/28/2019 09:30

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 05/30/2019 23:50

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19E0388-03 A

Preparation Batch: BHE0780 — Sample Size: 20.02 g (wet)

Prepared: 30-May-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.68**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
04-Jun-2019 12:45

TCLP Metals and Metallic Compounds - Quality Control

Batch BHE0745 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHE0745-BLK1)	Prepared: 30-May-2019 Analyzed: 31-May-2019 08:29										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2019 12:45

Wet Chemistry - Quality Control

Batch BHE0780 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHE0780-BS1)				Prepared: 30-May-2019 Analyzed: 30-May-2019 23:50							
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BHE0780-DUP1)		**Source: 19E0388-01**		Prepared: 30-May-2019 Analyzed: 30-May-2019 23:50							
pH	8.80	0.01	0.01	pH Units		8.82			0.23	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2019 12:45

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2019 12:45

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

12 June 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19F0043	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.06.12 12:37:04 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19F0043	Turn-around Requested: 5 Day	Date: 6/5/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Duggan		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-88A-060519	06/05/19	11:00	Soil	1	✔	✔							
SO-TC-88B-060519	06/05/19	11:15	Soil	1	✔	✔							
SO-TC-88C-060519	06/05/19	11:30	Soil	1	✔	✔							

Analysis Requested

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Jeff King	Printed Name: Kenny Dang	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/5/19 1741	Date & Time: 6/5/19 1340	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Jun-2019 12:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-88A-060519	19F0043-01	Solid	05-Jun-2019 11:00	05-Jun-2019 13:40
SO-TC-88B-060519	19F0043-02	Solid	05-Jun-2019 11:15	05-Jun-2019 13:40
SO-TC-88C-060519	19F0043-03	Solid	05-Jun-2019 11:30	05-Jun-2019 13:40

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Jun-2019 12:35

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received June 5, 2019 under ARI work order 19F0043. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The Duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The Duplicate RPD and Matrix Spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: ~~SLOAN~~ JBW Superlon Plastics

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 19F0043

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1340 — 24.5°C

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: DOO 2565

Cooler Accepted by: KD Date: 6/5/19 Time: 1340

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: Ziploc			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)	_____	

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JBW Date: 06/05/19 Time: 1404 Labels checked by: JBW

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19F0043

Cooler#: _____ **Temperature(°C):** 24.5°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 06/05/19 Time: 1340

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Jun-2019 12:35

SO-TC-88A-060519

19F0043-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/05/2019 11:00

Instrument: ICP2 Analyst: TCH — Analyzed: 06/10/2019 15:46

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19F0043-01 A 02

Preparation Batch: BHF0145 — Sample Size: 25 mL (wet)

Prepared: 07-Jun-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.159**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Jun-2019 12:35

SO-TC-88A-060519

19F0043-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/05/2019 11:00

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 06/12/2019 10:46

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19F0043-01 A

Preparation Batch: BHF0258 — Sample Size: 20.1 g (wet)

Prepared: 12-Jun-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**6.78**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Jun-2019 12:35

SO-TC-88B-060519

19F0043-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/05/2019 11:15

Instrument: ICP2 Analyst: TCH — Analyzed: 06/10/2019 15:33

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19F0043-02 A 02

Preparation Batch: BHF0145 — Sample Size: 25 mL (wet)

Prepared: 07-Jun-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.229**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0072**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Jun-2019 12:35

SO-TC-88B-060519

19F0043-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/05/2019 11:15

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 06/12/2019 10:46

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19F0043-02 A

Preparation Batch: BHF0258 — Sample Size: 20.15 g (wet)

Prepared: 12-Jun-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**7.54**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Jun-2019 12:35

SO-TC-88C-060519

19F0043-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/05/2019 11:30

Instrument: ICP2 Analyst: TCH — Analyzed: 06/10/2019 15:38

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19F0043-03 A 02

Preparation Batch: BHF0145 — Sample Size: 25 mL (wet)

Prepared: 07-Jun-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.183**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Jun-2019 12:35

SO-TC-88C-060519

19F0043-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/05/2019 11:30

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 06/12/2019 10:46

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19F0043-03 A

Preparation Batch: BHF0258 — Sample Size: 20.11 g (wet)

Prepared: 12-Jun-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.41**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
12-Jun-2019 12:35

TCLP Metals and Metallic Compounds - Quality Control

Batch BHF0145 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHF0145-BLK1)				Prepared: 07-Jun-2019 Analyzed: 10-Jun-2019 15:12							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BHF0145-DUP1)		**Source: 19F0043-01**		Prepared: 07-Jun-2019 Analyzed: 10-Jun-2019 15:42							
Arsenic	0.159	0.0140	0.250	mg/L		0.159			0.09	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BHF0145-MS1)		**Source: 19F0043-01**		Prepared: 07-Jun-2019 Analyzed: 10-Jun-2019 15:50							
Arsenic	4.63	0.0140	0.250	mg/L	4.00	0.159	112	75-125			
Lead	4.18	0.0065	0.100	mg/L	4.00	ND	104	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Jun-2019 12:35

Wet Chemistry - Quality Control

Batch BHF0258 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHF0258-BS1)				Prepared: 12-Jun-2019 Analyzed: 12-Jun-2019 10:46							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BHF0258-DUP1)		**Source: 19F0043-01**		Prepared: 12-Jun-2019 Analyzed: 12-Jun-2019 10:46							
pH	6.81	0.01	0.01	pH Units		6.78			0.44	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Jun-2019 12:35

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Jun-2019 12:35

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

17 June 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19F0161	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19F0161	Turn-around Requested: 5 Day	Date: 6/11/19	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 21.4°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C	Analysis Requested						Notes/Comments
SO-TC-89A-061119	06/11/19	16:00	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Kenny Daneg	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/11/19 17:27	Date & Time: 6/11/19 1727	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2019 13:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-89A-061119	19F0161-01	Solid	11-Jun-2019 16:00	11-Jun-2019 17:27

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2019 13:18

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received June 11, 2019 under ARI work order 19F0161. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The Duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

WORK ORDER

19F0161

Client: PERC-Pacific Environmental and Redevelopment
Project Manager: Shelly Fishel
Project: Superlon Plastics
Project Number: SLON

Report To:
PERC-Pacific Environmental and Redevelopment Corp
Kenny King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone: (425) 346-0921
Fax:

Invoice To:
PERC-Pacific Environmental and Redevelopment Corp
Jeffrey King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone :(425) 238-2212
Fax:

Date Due: 19-Jun-2019 18:00 (5 day TAT)

Received By: Kenny Dang
Date Received: 11-Jun-2019 17:27

Logged In By: Erin I. Salle
Date Logged In: 12-Jun-2019 07:26

Samples Received at: **21.4°C**

Intact, properly signed and dated custody seals attached to outside of cooler(s)	No	Custody papers included with the cooler	Yes
Custody papers properly filled out (in, signed, analyses requested, etc)	Yes	Was a temperature blank included in the cooler	No
Was sufficient ice used (if appropriate)	No	All bottles sealed in individual plastic bags	Yes
All bottles arrived in good condition (unbroken)	Yes	All bottle labels complete and legible	Yes
Number of containers listed on COC match number received	Yes	Bottle labels and tags agree with COC	Yes
Correct bottles used for the requested analyses	Yes	All VOC vials free of air bubbles	No
Analyses/bottles require preservation (attach preservation sheet excluding VOC)	No	Sufficient amount of sample sent in each bottle	Yes
Sample split at ARI	No		

Analysis	Due	TAT	Expires	Comments
19F0161-01 SO-TC-89A-061119 [Solid] Sampled 11-Jun-2019 16:00 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
TCLP 6010C - Pb	19-Jun-2019 15:00	5	08-Dec-2019 16:00	
TCLP 6010C - As	19-Jun-2019 15:00	5	08-Dec-2019 16:00	
TCLP 1311	19-Jun-2019 15:00	5	09-Jul-2019 16:00	
pH, EPA 9045D, Solid	19-Jun-2019 15:00	5	25-Jun-2019 16:00	
Filter 0.7 micron (TCLP)	19-Jun-2019 15:00	5	12-Jun-2019 17:27	

Reviewed By

Date

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 19F0161 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1747 21.4c

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 S206

Cooler Accepted by: KD Date: 6/11/19 Time: 1727

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: [signature] Date: 6/12/19 Time: 0726 Labels checked by: [signature]

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19F0161

Cooler#: 1 **Temperature(°C):** 21.4°C

Sample ID	Bottle Count	Bottle Type
Sample received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: KD Date: 6/11/19 Time: 1750

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2019 13:18

SO-TC-89A-061119

19F0161-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/11/2019 16:00

Instrument: ICP2 Analyst: TCH — Analyzed: 06/14/2019 10:10

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19F0161-01 A 02

Preparation Batch: BHF0296 — Sample Size: 25 mL (wet)

Prepared: 13-Jun-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0867**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.370**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2019 13:18

SO-TC-89A-061119

19F0161-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/11/2019 16:00

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 06/14/2019 12:49

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19F0161-01 A

Preparation Batch: BHF0336 — Sample Size: 20.19 g (wet)

Prepared: 14-Jun-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**6.89**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
17-Jun-2019 13:18

TCLP Metals and Metallic Compounds - Quality Control

Batch BHF0296 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHF0296-BLK1)					Prepared: 13-Jun-2019 Analyzed: 14-Jun-2019 09:49						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
17-Jun-2019 13:18

Wet Chemistry - Quality Control

Batch BHF0336 - EPA 9045D

Instrument: Accumet AR60 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHF0336-BS1)				Prepared: 14-Jun-2019 Analyzed: 14-Jun-2019 12:49							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			
Duplicate (BHF0336-DUP1)		**Source: 19F0161-01**		Prepared: 14-Jun-2019 Analyzed: 14-Jun-2019 12:49							
pH	6.92	0.01	0.01	pH Units		6.89			0.43	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2019 13:18

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2019 13:18

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

02 July 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19F0367	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.07.02 12:53:28 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19F0367	Turn-around Requested: 5 Day	Date: 6/25/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 23.3°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-89B-062519	06/25/19	13:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	6/25/19 16:33		Jacob Walter	ARI	06/25/19 1633								

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Jul-2019 12:52

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-89B-062519	19F0367-01	Solid	25-Jun-2019 13:30	25-Jun-2019 16:33

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Jul-2019 12:52

Work Order Case Narrative

Sample receipt

Sample(s) as listed on the preceding page were received June 25, 2019 under ARI work order 19F0367. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Printed: 6/25/2019 4:59:46PM

WORK ORDER

19F0367

Client: PERC-Pacific Environmental and Redevelopment
Project Manager: Shelly Fishel
Project: Superlon Plastics
Project Number: SLON

Report To:
PERC-Pacific Environmental and Redevelopment Corp
Kenny King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone: (425) 346-0921
Fax:

Invoice To:
PERC-Pacific Environmental and Redevelopment Corp
Jeffrey King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone :(425) 238-2212
Fax:

Date Due: 03-Jul-2019 18:00 (5 day TAT)

Received By: Jacob Walter
Date Received: 25-Jun-2019 16:33
Logged In By: Kenny Dang
Date Logged In: 25-Jun-2019 16:54

Samples Received at: **23.3°C**

Intact, properly signed and dated custody seals attached to outside of cooler(s)	No	Custody papers included with the cooler	Yes
Custody papers properly filled out (in, signed, analyses requested, etc)	Yes	Was a temperature blank included in the cooler	No
Was sufficient ice used (if appropriate)	No	All bottles sealed in individual plastic bags	Yes
All bottles arrived in good condition (unbroken)	Yes	All bottle labels complete and legible	Yes
Number of containers listed on COC match number received	Yes	Bottle labels and tags agree with COC	Yes
Correct bottles used for the requested analyses	Yes	All VOC vials free of air bubbles	No
Analyses/bottles require preservation (attach preservation sheet excluding VOC).	No	Sufficient amount of sample sent in each bottle	Yes
Sample split at ARI	No		

Analysis	Due	TAT	Expires	Comments
19F0367-01 SO-TC-89B-062519 [Solid] Sampled 25-Jun-2019 13:30 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
TCLP 6010C - Pb	03-Jul-2019 15:00	5	22-Dec-2019 13:30	
TCLP 6010C - As	03-Jul-2019 15:00	5	22-Dec-2019 13:30	
TCLP 1311	03-Jul-2019 15:00	5	23-Jul-2019 13:30	
pH, EPA 9045D, Solid	03-Jul-2019 15:00	5	09-Jul-2019 13:30	

Reviewed By

Date

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superior Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 19F0367
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO
Were custody papers included with the cooler? YES NO
Were custody papers properly filled out (ink, signed, etc.) YES NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)
Time 1633 23.3°C
If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 5706
Cooler Accepted by: JSw Date: 06/25/19 Time: 1633

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO
What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:
Was sufficient ice used (if appropriate)? NA YES NO
How were bottles sealed in plastic bags? Individually Grouped Not
Did all bottles arrive in good condition (unbroken)? YES NO
Were all bottle labels complete and legible? YES NO
Did the number of containers listed on COC match with the number of containers received? YES NO
Did all bottle labels and tags agree with custody papers? YES NO
Were all bottles used correct for the requested analyses? YES NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES NO
Were all VOC vials free of air bubbles? NA YES NO
Was sufficient amount of sample sent in each bottle? YES NO
Date VOC Trip Blank was made at ARI NA
Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: KD Date: 6/25/19 Time: 1655 Labels checked by: KD

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19F0367

Cooler#: _____ **Temperature(°C):** 23.3°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JJ Date: 06/25/19 Time: 1633

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Jul-2019 12:52

SO-TC-89B-062519

19F0367-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/25/2019 13:30

Instrument: ICP2 Analyst: TCH — Analyzed: 06/28/2019 14:52

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19F0367-01 A 04

Preparation Batch: BHF0726 — Sample Size: 25 mL (wet)

Prepared: 28-Jun-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.844**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.144**	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Jul-2019 12:52

SO-TC-89B-062519

19F0367-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/25/2019 13:30

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 06/28/2019 16:25

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19F0367-01 A

Preparation Batch: BHF0750 — Sample Size: 20.1 g (wet)

Prepared: 28-Jun-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**7.10**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
02-Jul-2019 12:52

TCLP Metals and Metallic Compounds - Quality Control

Batch BHF0726 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHF0726-BLK1)					Prepared: 28-Jun-2019 Analyzed: 28-Jun-2019 14:44						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
02-Jul-2019 12:52

Wet Chemistry - Quality Control

Batch BHF0750 - EPA 9045D

Instrument: Accumet AR60 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHF0750-BS1)				Prepared: 28-Jun-2019 Analyzed: 28-Jun-2019 16:25							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Jul-2019 12:52

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Jul-2019 12:52

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

17 June 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19F0167	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19F0167	Turn-around Requested: 2 Day	Date: 6/12/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 26.8°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Duggan		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-90A-061219	06/12/19	10:00	Soil	1	✔	✔	
SO-TC-90B-061219	06/12/19	10:15	Soil	1	✔	✔	
SO-TC-90C-061219	06/12/19	10:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	6/12/19 11:20		Jacobsalite	ARI	06/12/19 1120								

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2019 13:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-90A-061219	19F0167-01	Solid	12-Jun-2019 10:00	12-Jun-2019 11:20
SO-TC-90B-061219	19F0167-02	Solid	12-Jun-2019 10:15	12-Jun-2019 11:20
SO-TC-90C-061219	19F0167-03	Solid	12-Jun-2019 10:30	12-Jun-2019 11:20

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2019 13:09

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received June 12, 2019 under ARI work order 19F0167. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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WORK ORDER

19F0167

Client: PERC-Pacific Environmental and Redevelopment
Project Manager: Shelly Fishel
Project: Superlon Plastics
Project Number: SLON

Report To:
PERC-Pacific Environmental and Redevelopment Corp
Kenny King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone: (425) 346-0921
Fax:

Invoice To:
PERC-Pacific Environmental and Redevelopment Corp
Jeffrey King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone :(425) 238-2212
Fax:

Date Due: 14-Jun-2019 18:00 (2 day TAT)
Received By: Jacob Walter
Date Received: 12-Jun-2019 11:20
Logged In By: Erin I. Salle
Date Logged In: 12-Jun-2019 11:24

Samples Received at: **26.8°C**

Intact, properly signed and dated custody seals attached to outside of cooler(s)	No	Custody papers included with the cooler	Yes
Custody papers properly filled out (in, signed, analyses requested, etc)	Yes	Was a temperature blank included in the cooler	No
Was sufficient ice used (if appropriate)	No	All bottles sealed in individual plastic bags	No
All bottles arrived in good condition (unbroken)	Yes	All bottle labels complete and legible	Yes
Number of containers listed on COC match number received	Yes	Bottle labels and tags agree with COC	Yes
Correct bottles used for the requested analyses	Yes	All VOC vials free of air bubbles	No
Analyses/bottles require preservation (attach preservation sheet excluding VOC)	No	Sufficient amount of sample sent in each bottle	Yes
Sample split at ARI	No		

Analysis	Due	TAT	Expires	Comments

WORK ORDER

19F0167

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Shelly Fishel

Project: Superlon Plastics **Project Number:** SLON

Analysis	Due	TAT	Expires	Comments
19F0167-01 SO-TC-90A-061219 [Solid] Sampled 12-Jun-2019 10:00 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
TCLP 6010C - Pb	14-Jun-2019 15:00	2	09-Dec-2019 10:00	
TCLP 6010C - As	14-Jun-2019 15:00	2	09-Dec-2019 10:00	
TCLP 1311	14-Jun-2019 15:00	2	10-Jul-2019 10:00	
pH, EPA 9045D, Solid	14-Jun-2019 15:00	2	26-Jun-2019 10:00	
Filter 0.7 micron (TCLP)	14-Jun-2019 15:00	2	13-Jun-2019 11:20	
19F0167-02 SO-TC-90B-061219 [Solid] Sampled 12-Jun-2019 10:15 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
TCLP 6010C - Pb	14-Jun-2019 15:00	2	09-Dec-2019 10:15	
TCLP 6010C - As	14-Jun-2019 15:00	2	09-Dec-2019 10:15	
TCLP 1311	14-Jun-2019 15:00	2	10-Jul-2019 10:15	
pH, EPA 9045D, Solid	14-Jun-2019 15:00	2	26-Jun-2019 10:15	
Filter 0.7 micron (TCLP)	14-Jun-2019 15:00	2	13-Jun-2019 11:20	
19F0167-03 SO-TC-90C-061219 [Solid] Sampled 12-Jun-2019 10:30 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
TCLP 6010C - Pb	14-Jun-2019 15:00	2	09-Dec-2019 10:30	
TCLP 6010C - As	14-Jun-2019 15:00	2	09-Dec-2019 10:30	
pH, EPA 9045D, Solid	14-Jun-2019 15:00	2	26-Jun-2019 10:30	
Filter 0.7 micron (TCLP)	14-Jun-2019 15:00	2	13-Jun-2019 11:20	
TCLP 1311	14-Jun-2019 15:00	2	10-Jul-2019 10:30	

Reviewed By

Date

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 19F0167

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 26.8°C

Time 1120

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: DOO 5206

Cooler Accepted by: JBW Date: 06/12/19 Time: 1120

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES NO

How were bottles sealed in plastic bags? Individually Grouped Not

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI NA _____

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: [signature] Date: 6/12/19 Time: _____ Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19F0167

Cooler#: _____ **Temperature(°C):** 26.8°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 06/12/19 Time: 1120

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2019 13:09

SO-TC-90A-061219

19F0167-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/12/2019 10:00

Instrument: ICP2 Analyst: TCH — Analyzed: 06/14/2019 09:53

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19F0167-01 A 02

Preparation Batch: BHF0296 — Sample Size: 25 mL (wet)

Prepared: 13-Jun-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0716**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0395**	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2019 13:09

SO-TC-90A-061219

19F0167-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/12/2019 10:00

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 06/14/2019 12:49

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19F0167-01 A

Preparation Batch: BHF0336 — Sample Size: 20.32 g (wet)

Prepared: 14-Jun-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.74**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2019 13:09

SO-TC-90B-061219

19F0167-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/12/2019 10:15

Instrument: ICP2 Analyst: TCH — Analyzed: 06/14/2019 09:57

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19F0167-02 A 02

Preparation Batch: BHF0296 — Sample Size: 25 mL (wet)

Prepared: 13-Jun-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0665**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0158**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2019 13:09

SO-TC-90B-061219

19F0167-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/12/2019 10:15

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 06/14/2019 12:49

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19F0167-02 A

Preparation Batch: BHF0336 — Sample Size: 20.96 g (wet)

Prepared: 14-Jun-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.62**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2019 13:09

SO-TC-90C-061219

19F0167-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/12/2019 10:30

Instrument: ICP2 Analyst: TCH — Analyzed: 06/14/2019 10:01

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19F0167-03 A 02

Preparation Batch: BHF0296 — Sample Size: 25 mL (wet)

Prepared: 13-Jun-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0677**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0845**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2019 13:09

SO-TC-90C-061219

19F0167-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/12/2019 10:30

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 06/14/2019 12:49

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19F0167-03 A

Preparation Batch: BHF0336 — Sample Size: 20.37 g (wet)

Prepared: 14-Jun-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.50**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
17-Jun-2019 13:09

TCLP Metals and Metallic Compounds - Quality Control

Batch BHF0296 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHF0296-BLK1)					Prepared: 13-Jun-2019 Analyzed: 14-Jun-2019 09:49						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
17-Jun-2019 13:09

Wet Chemistry - Quality Control

Batch BHF0336 - EPA 9045D

Instrument: Accumet AR60 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHF0336-BS1)				Prepared: 14-Jun-2019 Analyzed: 14-Jun-2019 12:49							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2019 13:09

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2019 13:09

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

02 July 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19F0352	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.07.02 12:49:07 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19F0352	Turn-around Requested: 5 Day	Date: 6/24/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 01	Cooler Temps: 22.8°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Duggan		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: 1311 TCLP As/Pb Only	pH 9045C							Notes/Comments
SO-TC-91A-062019	06/20/19	09:00	Soil	1	✔	✔							
SO-TC-91B-062019	06/20/19	09:15	Soil	1	✔	✔							
SO-TC-91C-062019	06/20/19	09:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Valle	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/24/19 16:41	Date & Time: 06/24/19 1641	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Jul-2019 12:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-91A-062019	19F0352-01	Solid	20-Jun-2019 09:00	24-Jun-2019 16:41
SO-TC-91B-062019	19F0352-02	Solid	20-Jun-2019 09:15	24-Jun-2019 16:41
SO-TC-91C-062019	19F0352-03	Solid	20-Jun-2019 09:30	24-Jun-2019 16:41

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Jul-2019 12:47

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received June 24, 2019 under ARI work order 19F0352. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The Duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The Duplicate RPD and Matrix Spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 19F0352 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1641 22.8°C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DOO 5006

Cooler Accepted by: JS Date: 06/24/19 Time: 1641

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: [illegible] Date: 6/25/19 Time: 0844 Labels checked by: CB

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19F0352

Cooler#: _____ **Temperature(°C):** 22.8°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 06/24/19 Time: 1641

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Jul-2019 12:47

SO-TC-91A-062019

19F0352-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/20/2019 09:00

Instrument: ICP2 Analyst: TCH — Analyzed: 06/26/2019 17:09

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19F0352-01 A 02

Preparation Batch: BHF0641 — Sample Size: 25 mL (wet)

Prepared: 26-Jun-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0483**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0376**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Jul-2019 12:47

SO-TC-91A-062019

19F0352-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/20/2019 09:00

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 06/28/2019 16:25

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19F0352-01 A

Preparation Batch: BHF0750 — Sample Size: 20.43 g (wet)

Prepared: 28-Jun-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.40**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Jul-2019 12:47

SO-TC-91B-062019

19F0352-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/20/2019 09:15

Instrument: ICP2 Analyst: TCH — Analyzed: 06/28/2019 10:39

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19F0352-02 A 02

Preparation Batch: BHF0641 — Sample Size: 25 mL (wet)

Prepared: 26-Jun-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0352**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0203**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Jul-2019 12:47

SO-TC-91B-062019

19F0352-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/20/2019 09:15

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 06/28/2019 16:25

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19F0352-02 A

Preparation Batch: BHF0750 — Sample Size: 20.09 g (wet)

Prepared: 28-Jun-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.63**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Jul-2019 12:47

SO-TC-91C-062019

19F0352-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/20/2019 09:30

Instrument: ICP2 Analyst: TCH — Analyzed: 06/28/2019 10:43

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19F0352-03 A 02

Preparation Batch: BHF0641 — Sample Size: 25 mL (wet)

Prepared: 26-Jun-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0586**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0368**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Jul-2019 12:47

SO-TC-91C-062019

19F0352-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/20/2019 09:30

Instrument: Accumet AR60 Analyst: WCW — Analyzed: 06/28/2019 16:25

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19F0352-03 A

Preparation Batch: BHF0750 — Sample Size: 20.42 g (wet)

Prepared: 28-Jun-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.58**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Jul-2019 12:47

TCLP Metals and Metallic Compounds - Quality Control

Batch BHF0641 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHF0641-BLK1)					Prepared: 26-Jun-2019 Analyzed: 26-Jun-2019 16:48						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BHF0641-DUP1)		**Source: 19F0352-01**			Prepared: 26-Jun-2019 Analyzed: 26-Jun-2019 17:05						
Arsenic	0.0460	0.0140	0.250	mg/L		0.0483			4.84	20	J
Lead	0.0399	0.0065	0.100	mg/L		0.0376			6.15	20	J
Matrix Spike (BHF0641-MS1)		**Source: 19F0352-01**			Prepared: 26-Jun-2019 Analyzed: 26-Jun-2019 17:13						
Arsenic	3.98	0.0140	0.250	mg/L	4.00	0.0483	98.2	75-125			
Lead	3.84	0.0065	0.100	mg/L	4.00	0.0376	94.9	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Jul-2019 12:47

Wet Chemistry - Quality Control

Batch BHF0750 - EPA 9045D

Instrument: Accumet AR60 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHF0750-BS1)				Prepared: 28-Jun-2019 Analyzed: 28-Jun-2019 16:25							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			
Duplicate (BHF0750-DUP1)		**Source: 19F0352-01**		Prepared: 28-Jun-2019 Analyzed: 28-Jun-2019 16:25							
pH	8.44	0.01	0.01	pH Units		8.40			0.48	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Jul-2019 12:47

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	02-Jul-2019 12:47

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

09 July 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19G0015	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.07.09 14:24:26 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19G0015	Turn-around Requested: 3 Day	Date: 7/1/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 22.2°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Duggan		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-92A-062719	06/27/19	11:00	Soil	1	✔	✔							
SO-TC-92B-062719	06/27/19	11:10	Soil	1	✔	✔							
SO-TC-92C-062719	06/27/19	11:20	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC 16:43	Company: ARI	Company:	Company:
	Date & Time: 7/1/2019	Date & Time: 07/01/19 1643	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2019 14:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-92A-062719	19G0015-01	Solid	27-Jun-2019 11:00	01-Jul-2019 16:43
SO-TC-92B-062719	19G0015-02	Solid	27-Jun-2019 11:10	01-Jul-2019 16:43
SO-TC-92C-062719	19G0015-03	Solid	27-Jun-2019 11:20	01-Jul-2019 16:43

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2019 14:23

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received July 1, 2019 under ARI work order 19G0015. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recovery was within control limits.

The Duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The Duplicate RPD and Matrix Spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 19G0015

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1643 22.0°C

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: DOO 5206

Cooler Accepted by: JSW Date: 07/01/19 Time: 1643

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: JSW Date: 07/01/19 Time: 1719 Labels checked by: JSW

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19G0015

Cooler#: _____ **Temperature(°C):** 22.2°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JB Date: 07/01/19 Time: 1643

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2019 14:23

SO-TC-92A-062719

19G0015-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/27/2019 11:00

Instrument: ICP2 Analyst: TCH — Analyzed: 07/05/2019 18:04

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19G0015-01 A 02

Preparation Batch: BHG0091 — Sample Size: 25 mL (wet)

Prepared: 03-Jul-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0701**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.932**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2019 14:23

SO-TC-92A-062719

19G0015-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/27/2019 11:00

Instrument: Accumet AR60 Analyst: YK — Analyzed: 07/08/2019 16:34

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19G0015-01 A

Preparation Batch: BHG0175 — Sample Size: 20.4 g (wet)

Prepared: 08-Jul-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.24**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2019 14:23

SO-TC-92B-062719

19G0015-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/27/2019 11:10

Instrument: ICP2 Analyst: TCH — Analyzed: 07/08/2019 11:32

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19G0015-02 A 02

Preparation Batch: BHG0091 — Sample Size: 25 mL (wet)

Prepared: 03-Jul-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0355**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0130**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2019 14:23

SO-TC-92B-062719

19G0015-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/27/2019 11:10

Instrument: Accumet AR60 Analyst: YK — Analyzed: 07/08/2019 16:34

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19G0015-02 A

Preparation Batch: BHG0175 — Sample Size: 21.59 g (wet)

Prepared: 08-Jul-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	**8.62**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2019 14:23

SO-TC-92C-062719

19G0015-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/27/2019 11:20

Instrument: ICP2 Analyst: TCH — Analyzed: 07/05/2019 17:55

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19G0015-03 A 02

Preparation Batch: BHG0091 — Sample Size: 25 mL (wet)

Prepared: 03-Jul-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0535**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.102**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2019 14:23

SO-TC-92C-062719

19G0015-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/27/2019 11:20

Instrument: Accumet AR60 Analyst: YK — Analyzed: 07/08/2019 16:34

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19G0015-03 A

Preparation Batch: BHG0175 — Sample Size: 21.16 g (wet)

Prepared: 08-Jul-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	**8.63**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2019 14:23

TCLP Metals and Metallic Compounds - Quality Control

Batch BHG0091 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHG0091-BLK1)				Prepared: 03-Jul-2019 Analyzed: 05-Jul-2019 17:39							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BHG0091-DUP1)		**Source: 19G0015-01**		Prepared: 03-Jul-2019 Analyzed: 05-Jul-2019 18:00							
Arsenic	0.0630	0.0140	0.250	mg/L		0.0701			10.60	20	J
Lead	0.917	0.0065	0.100	mg/L		0.932			1.65	20	
Matrix Spike (BHG0091-MS1)		**Source: 19G0015-01**		Prepared: 03-Jul-2019 Analyzed: 05-Jul-2019 18:08							
Arsenic	4.42	0.0140	0.250	mg/L	4.00	0.0701	109	75-125			
Lead	5.07	0.0065	0.100	mg/L	4.00	0.932	103	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2019 14:23

Wet Chemistry - Quality Control

Batch BHG0175 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: YK

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHG0175-BS1)				Prepared: 08-Jul-2019 Analyzed: 08-Jul-2019 16:34							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BHG0175-DUP1)		**Source: 19G0015-01**		Prepared: 08-Jul-2019 Analyzed: 08-Jul-2019 16:34							
pH	8.38	0.01	0.01	pH Units		8.24			1.68	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2019 14:23

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	09-Jul-2019 14:23

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

16 July 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19G0115	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.07.16 11:18:58 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19G0115	Turn-around Requested: 3 Day	Date: 7/9/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 26.4°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Duggan		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-93A-070919	07/09/19	14:00	Soil	1	✔	✔	
SO-TC-93B-070919	07/09/19	14:15	Soil	1	✔	✔	
SO-TC-93C-070919	07/09/19	14:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/9/2019 16:22	Date & Time: 07/09/19 1622	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2019 11:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-93A-070919	19G0115-01	Solid	09-Jul-2019 14:00	09-Jul-2019 16:22
SO-TC-93B-070919	19G0115-02	Solid	09-Jul-2019 14:15	09-Jul-2019 16:22
SO-TC-93C-070919	19G0115-03	Solid	09-Jul-2019 14:30	09-Jul-2019 16:22

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2019 11:16

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received July 9, 2019 under ARI work order 19G0115. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The duplicate RPD were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PGRC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: ____

Assigned ARI Job No: 19G0115 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1622 26.4°C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 5206

Cooler Accepted by: JAM Date: 07/09/19 Time: 1622

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: ____		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		____

Were the sample(s) split by ARI? NA YES Date/Time: ____ Equipment: ____ Split by: ____

Samples Logged by: JAM Date: 07/09/19 Time: 1658 Labels checked by: JAM

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19G0115

Cooler#: _____ Temperature(°C): 26.4°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: JSm Date: 07/09/19 Time: 1622

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2019 11:16

SO-TC-93A-070919

19G0115-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/09/2019 14:00

Instrument: ICP2 Analyst: TCH — Analyzed: 07/12/2019 11:13

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19G0115-01 A 03

Preparation Batch: BHG0257 — Sample Size: 25 mL (wet)

Prepared: 11-Jul-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0462**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0079**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2019 11:16

SO-TC-93A-070919

19G0115-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/09/2019 14:00

Instrument: Accumet AR60 Analyst: BF — Analyzed: 07/15/2019 18:06

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19G0115-01 A

Preparation Batch: BHG0352 — Sample Size: 20.04 g (wet)

Prepared: 15-Jul-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.11**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2019 11:16

SO-TC-93B-070919

19G0115-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/09/2019 14:15

Instrument: ICP2 Analyst: TCH — Analyzed: 07/12/2019 11:17

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19G0115-02 A 03

Preparation Batch: BHG0257 — Sample Size: 25 mL (wet)

Prepared: 11-Jul-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.129**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0075**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2019 11:16

SO-TC-93B-070919

19G0115-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/09/2019 14:15

Instrument: Accumet AR60 Analyst: BF — Analyzed: 07/15/2019 18:06

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19G0115-02 A

Preparation Batch: BHG0352 — Sample Size: 20.13 g (wet)

Prepared: 15-Jul-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.35**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2019 11:16

SO-TC-93C-070919

19G0115-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/09/2019 14:30

Instrument: ICP2 Analyst: TCH — Analyzed: 07/12/2019 11:21

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19G0115-03 A 03

Preparation Batch: BHG0257 — Sample Size: 25 mL (wet)

Prepared: 11-Jul-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.179**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2019 11:16

SO-TC-93C-070919

19G0115-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/09/2019 14:30

Instrument: Accumet AR60 Analyst: BF — Analyzed: 07/15/2019 18:06

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19G0115-03 A

Preparation Batch: BHG0352 — Sample Size: 20.37 g (wet)

Prepared: 15-Jul-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.36**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
16-Jul-2019 11:16

TCLP Metals and Metallic Compounds - Quality Control

Batch BHG0257 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHG0257-BLK1)					Prepared: 11-Jul-2019 Analyzed: 12-Jul-2019 09:30						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2019 11:16

Wet Chemistry - Quality Control

Batch BHG0352 - EPA 9045D

Instrument: Accumet AR60 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHG0352-BS1)				Prepared: 15-Jul-2019 Analyzed: 15-Jul-2019 18:06							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BHG0352-DUP1)		**Source: 19G0115-01**		Prepared: 15-Jul-2019 Analyzed: 15-Jul-2019 18:06							
pH	9.14	0.01	0.01	pH Units		9.11			0.33	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2019 11:16

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2019 11:16

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

26 July 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19G0283	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.07.26 15:43:08 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19G0283	Turn-around Requested: 3 Day	Date: 7/22/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 30.4°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-94A-072219	07/22/19	13:00	Soil	1	✔	✔	
SO-TC-94B-072219	07/22/19	13:15	Soil	1	✔	✔	
SO-TC-94C-072219	07/22/19	13:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/22/19 16:44	Date & Time: 07/22/19 1644	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jul-2019 15:42

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-94A-072219	19G0283-01	Solid	22-Jul-2019 13:00	22-Jul-2019 16:44
SO-TC-94B-072219	19G0283-02	Solid	22-Jul-2019 13:15	22-Jul-2019 16:44
SO-TC-94C-072219	19G0283-03	Solid	22-Jul-2019 13:30	22-Jul-2019 16:44

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jul-2019 15:42

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received July 22, 2019 under ARI work order 19G0283. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The MS percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 19G0283 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1644 30.4°C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00506

Cooler Accepted by: JJW Date: 07/22/19 Time: 1644

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JBW Date: 07/22/19 Time: 1648 Labels checked by: JJW

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19G0283

Cooler#: _____ Temperature(°C): 30.4°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 07/22/19 Time: 1644

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jul-2019 15:42

SO-TC-94A-072219

19G0283-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/22/2019 13:00

Instrument: Accumet AR60 Analyst: BF — Analyzed: 07/23/2019 15:49

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19G0283-01 A

Preparation Batch: BHG0543 — Sample Size: 20.03 g (wet)

Prepared: 23-Jul-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.95**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jul-2019 15:42

SO-TC-94A-072219

19G0283-01RE1 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/22/2019 13:00

Instrument: ICP2 Analyst: TCH — Analyzed: 07/26/2019 11:58

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19G0283-01RE1 A 03

Preparation Batch: BHG0609 — Sample Size: 25 mL (wet)

Prepared: 25-Jul-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.159**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jul-2019 15:42

SO-TC-94B-072219

19G0283-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/22/2019 13:15

Instrument: Accumet AR60 Analyst: BF — Analyzed: 07/23/2019 15:49

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19G0283-02 A

Preparation Batch: BHG0543 — Sample Size: 20.2 g (wet)

Prepared: 23-Jul-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.27**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jul-2019 15:42

SO-TC-94B-072219

19G0283-02RE1 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/22/2019 13:15

Instrument: ICP2 Analyst: TCH — Analyzed: 07/26/2019 12:02

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19G0283-02RE1 A 03

Preparation Batch: BHG0609 — Sample Size: 25 mL (wet)

Prepared: 25-Jul-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.229**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0082**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jul-2019 15:42

SO-TC-94C-072219

19G0283-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/22/2019 13:30

Instrument: Accumet AR60 Analyst: BF — Analyzed: 07/23/2019 15:49

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19G0283-03 A

Preparation Batch: BHG0543 — Sample Size: 20.89 g (wet)

Prepared: 23-Jul-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.15**	pH Units	

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8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jul-2019 15:42

SO-TC-94C-072219

19G0283-03RE1 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/22/2019 13:30

Instrument: ICP2 Analyst: TCH — Analyzed: 07/26/2019 12:06

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19G0283-03RE1 A 03

Preparation Batch: BHG0609 — Sample Size: 25 mL (wet)

Prepared: 25-Jul-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.176**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
26-Jul-2019 15:42

TCLP Metals and Metallic Compounds - Quality Control

Batch BHG0561 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHG0561-BLK1)					Prepared: 24-Jul-2019 Analyzed: 25-Jul-2019 11:31						
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jul-2019 15:42

TCLP Metals and Metallic Compounds - Quality Control

Batch BHG0609 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHG0609-BLK1)					Prepared: 25-Jul-2019 Analyzed: 26-Jul-2019 11:54						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jul-2019 15:42

Wet Chemistry - Quality Control

Batch BHG0543 - EPA 9045D

Instrument: Accumet AR60 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHG0543-BS1)				Prepared: 23-Jul-2019 Analyzed: 23-Jul-2019 15:49							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			
Duplicate (BHG0543-DUP1)		**Source: 19G0283-01**		Prepared: 23-Jul-2019 Analyzed: 23-Jul-2019 15:49							
pH	9.09	0.01	0.01	pH Units		8.95			1.55	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jul-2019 15:42

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	26-Jul-2019 15:42

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

07 August 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19G0378	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.08.07 10:48:30 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19G0378	Turn-around Requested: 5 Day	Date: 7/29/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 29.8°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Duggan		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb only	pH 9045C							Notes/Comments
					Analysis Requested								
SO-TC-95A-072919	07/29/19	09:00	Soil	1	✔	✔							
SO-TC-95B-072919	07/29/19	09:15	Soil	1	✔	✔							
SO-TC-95C-072919	07/29/19	09:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Wolfe	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/29/19 16:28	Date & Time: 07/29/19 1628	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Aug-2019 10:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-95A-072919	19G0378-01	Solid	29-Jul-2019 09:00	29-Jul-2019 16:28
SO-TC-95B-072919	19G0378-02	Solid	29-Jul-2019 09:15	29-Jul-2019 16:28
SO-TC-95C-072919	19G0378-03	Solid	29-Jul-2019 09:30	29-Jul-2019 16:28

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Aug-2019 10:47

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received July 29, 2019 under ARI work order 19G0378. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The Duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The Duplicate RPD and Matrix Spike percent recoveries were within control limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 19G0378

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1628 29.8°C

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00 5206

Cooler Accepted by: JM Date: 07/29/19 Time: 1628

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:

Was sufficient ice used (if appropriate)? NA YES NO

How were bottles sealed in plastic bags? Individually Grouped Not

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI NA

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: JM Date: 07/29/19 Time: 1632 Labels checked by: JM

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19G0378

Cooler#: _____ **Temperature(°C):** 29.8°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JJW Date: 07/29/19 Time: 1628

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Aug-2019 10:47

SO-TC-95A-072919

19G0378-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/29/2019 09:00

Instrument: ICP2 Analyst: TCH — Analyzed: 08/05/2019 13:16

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19G0378-01 A 04

Preparation Batch: BHH0050 — Sample Size: 25 mL (wet)

Prepared: 02-Aug-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.165**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Aug-2019 10:47

SO-TC-95A-072919

19G0378-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/29/2019 09:00

Instrument: Accumet AR60 Analyst: BF — Analyzed: 08/06/2019 09:36

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19G0378-01 A

Preparation Batch: BHH0127 — Sample Size: 20 g (wet)

Prepared: 05-Aug-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.00**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Aug-2019 10:47

SO-TC-95B-072919

19G0378-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/29/2019 09:15

Instrument: ICP2 Analyst: TCH — Analyzed: 08/05/2019 13:03

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19G0378-02 A 04

Preparation Batch: BHH0050 — Sample Size: 25 mL (wet)

Prepared: 02-Aug-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.134**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0081**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Aug-2019 10:47

SO-TC-95B-072919

19G0378-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/29/2019 09:15

Instrument: Accumet AR60 Analyst: BF — Analyzed: 08/06/2019 09:36

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19G0378-02 A

Preparation Batch: BHH0127 — Sample Size: 20.05 g (wet)

Prepared: 05-Aug-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.98**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Aug-2019 10:47

SO-TC-95C-072919

19G0378-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/29/2019 09:30

Instrument: ICP2 Analyst: TCH — Analyzed: 08/05/2019 13:08

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19G0378-03 A 04

Preparation Batch: BHH0050 — Sample Size: 25 mL (wet)

Prepared: 02-Aug-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.125**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.166**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Aug-2019 10:47

SO-TC-95C-072919

19G0378-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/29/2019 09:30

Instrument: Accumet AR60 Analyst: BF — Analyzed: 08/06/2019 09:36

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19G0378-03 A

Preparation Batch: BHH0127 — Sample Size: 20.53 g (wet)

Prepared: 05-Aug-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.94**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Aug-2019 10:47

TCLP Metals and Metallic Compounds - Quality Control

Batch BHH0050 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHH0050-BLK1)				Prepared: 02-Aug-2019 Analyzed: 05-Aug-2019 12:55							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BHH0050-DUP1)		**Source: 19G0378-01**		Prepared: 02-Aug-2019 Analyzed: 05-Aug-2019 13:12							
Arsenic	0.167	0.0140	0.250	mg/L		0.165			0.89	20	J
Lead	0.0087	0.0065	0.100	mg/L		ND					J
Matrix Spike (BHH0050-MS1)		**Source: 19G0378-01**		Prepared: 02-Aug-2019 Analyzed: 05-Aug-2019 13:20							
Arsenic	4.64	0.0140	0.250	mg/L	4.00	0.165	112	75-125			
Lead	4.13	0.0065	0.100	mg/L	4.00	ND	103	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Aug-2019 10:47

Wet Chemistry - Quality Control

Batch BHH0127 - EPA 9045D

Instrument: Accumet AR60 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHH0127-BS1)				Prepared: 05-Aug-2019 Analyzed: 06-Aug-2019 09:36							
pH	6.95	0.01	0.01	pH Units	7.00		99.3	99.2-100.8			
Duplicate (BHH0127-DUP1)		**Source: 19G0378-01**		Prepared: 05-Aug-2019 Analyzed: 06-Aug-2019 09:36							
pH	9.10	0.01	0.01	pH Units		9.00			1.10	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Aug-2019 10:47

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	07-Aug-2019 10:47

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

13 August 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19H0062	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.08.13 12:57:37 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19H0062	Turn-around Requested: 5 Day	Date: 8/5/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 24.5°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C	Analysis Requested						Notes/Comments
SO-TC-96A-080519	08/05/19	10:15	Soil	1	✔	✔							
SO-TC-96B-080519	08/05/19	10:30	Soil	1	✔	✔							
SO-TC-96C-080519	08/05/19	10:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacobsmith	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 8/5/19 16:40	Date & Time: 08/05/19 1640	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2019 12:48

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-96A-080519	19H0062-01	Solid	05-Aug-2019 10:15	05-Aug-2019 16:40
SO-TC-96B-080519	19H0062-02	Solid	05-Aug-2019 10:30	05-Aug-2019 16:40
SO-TC-96C-080519	19H0062-03	Solid	05-Aug-2019 10:45	05-Aug-2019 16:40

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2019 12:48

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received August 5, 2019 under ARI work order 19H0062. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PLRL

Project Name: Superior Plastics

COC No(s): (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 19H0062

Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1640 — 24.5°C

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00506

Cooler Accepted by: JSw Date: 08/05/19 Time: 1640

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: JSw Date: 08/05/19 Time: 1725 Labels checked by: JSw

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19H0062

Cooler#: _____ **Temperature(°C):** 24.5°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 08/05/19 Time: 1640

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2019 12:48

SO-TC-96A-080519

19H0062-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/05/2019 10:15

Instrument: ICP2 Analyst: TCH — Analyzed: 08/08/2019 18:42

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19H0062-01 A 04

Preparation Batch: BHH0198 — Sample Size: 25 mL

Prepared: 08-Aug-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0839**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0508**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2019 12:48

SO-TC-96A-080519

19H0062-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/05/2019 10:15

Instrument: Accumet AR60 Analyst: BF — Analyzed: 08/12/2019 17:06

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19H0062-01 A

Preparation Batch: BHH0297 — Sample Size: 20.5019 g (wet)

Prepared: 12-Aug-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.58**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2019 12:48

SO-TC-96B-080519

19H0062-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/05/2019 10:30

Instrument: ICP2 Analyst: TCH — Analyzed: 08/08/2019 18:46

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19H0062-02 A 04

Preparation Batch: BHH0198 — Sample Size: 25 mL

Prepared: 08-Aug-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0427**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0068**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2019 12:48

SO-TC-96B-080519

19H0062-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/05/2019 10:30

Instrument: Accumet AR60 Analyst: BF — Analyzed: 08/12/2019 17:06

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19H0062-02 A

Preparation Batch: BHH0297 — Sample Size: 20.0301 g (wet)

Prepared: 12-Aug-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.83**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2019 12:48

SO-TC-96C-080519

19H0062-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/05/2019 10:45

Instrument: ICP2 Analyst: TCH — Analyzed: 08/08/2019 18:50

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19H0062-03 A 04

Preparation Batch: BHH0198 — Sample Size: 25 mL

Prepared: 08-Aug-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0594**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0077**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2019 12:48

SO-TC-96C-080519

19H0062-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/05/2019 10:45

Instrument: Accumet AR60 Analyst: BF — Analyzed: 08/12/2019 17:06

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19H0062-03 A

Preparation Batch: BHH0297 — Sample Size: 20.7712 g (wet)

Prepared: 12-Aug-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.60**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
13-Aug-2019 12:48

TCLP Metals and Metallic Compounds - Quality Control

Batch BHH0198 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHH0198-BLK1)	Prepared: 08-Aug-2019 Analyzed: 08-Aug-2019 18:38										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2019 12:48

Wet Chemistry - Quality Control

Batch BHH0297 - EPA 9045D

Instrument: Accumet AR60 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHH0297-BS2)	Prepared: 12-Aug-2019 Analyzed: 12-Aug-2019 17:06										
pH	7.05	0.01	0.01	pH Units	7.00		101	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2019 12:48

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Water	
Arsenic	NELAP,DoD-ELAP,WADOE
Lead	DoD-ELAP,NELAP,WADOE
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	13-Aug-2019 12:48

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

13 August 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19H0063	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.08.13 12:59:26 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19H0063	Turn-around Requested: 5 Day	Date: 8/5/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 24.5°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C	Analysis Requested						Notes/Comments
SO-TC-97A-080519	08/05/19	16:00	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacobsen	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 8/5/19 16:40	Date & Time: 08/05/19 1640	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2019 12:57

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-97A-080519	19H0063-01	Solid	05-Aug-2019 16:00	05-Aug-2019 16:40

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2019 12:57

Work Order Case Narrative

Sample receipt

One sample as listed on the preceding page was received August 5, 2019 under ARI work order 19H0063. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PCRC Project Name: Spartan Plastics

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 19H0063 Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1640 24.5°C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 5006

Cooler Accepted by: JAM Date: 08/05/19 Time: 1640

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: JAM Date: 08/05/19 Time: 1728 Labels checked by: JAM

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19H0063

Cooler#: _____ Temperature(°C): 24.5°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 08/05/19 Time: 1640

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2019 12:57

SO-TC-97A-080519

19H0063-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/05/2019 16:00

Instrument: ICP2 Analyst: TCH — Analyzed: 08/08/2019 18:55

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19H0063-01 A 04

Preparation Batch: BHH0198 — Sample Size: 25 mL

Prepared: 08-Aug-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0434**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.181**	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2019 12:57

SO-TC-97A-080519

19H0063-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/05/2019 16:00

Instrument: Accumet AR60 Analyst: BF — Analyzed: 08/12/2019 17:06

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19H0063-01 A

Preparation Batch: BHH0297 — Sample Size: 20.4907 g (wet)

Prepared: 12-Aug-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.21**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
13-Aug-2019 12:57

TCLP Metals and Metallic Compounds - Quality Control

Batch BHH0198 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHH0198-BLK1)	Prepared: 08-Aug-2019 Analyzed: 08-Aug-2019 18:38										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
13-Aug-2019 12:57

Wet Chemistry - Quality Control

Batch BHH0297 - EPA 9045D

Instrument: Accumet AR60 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHH0297-BS2)				Prepared: 12-Aug-2019 Analyzed: 12-Aug-2019 17:06							
pH	7.05	0.01	0.01	pH Units	7.00		101	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2019 12:57

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Water	
Arsenic	NELAP,DoD-ELAP,WADOE
Lead	DoD-ELAP,NELAP,WADOE
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	13-Aug-2019 12:57

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

13 August 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19H0087	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.08.13 13:05:40 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19H0087	Turn-around Requested: 3 Day	Date: 8/7/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 26.7 °C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-97B-080719	08/07/19	15:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacobsen	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 8/7/2019 16:37	Date & Time: 08/07/19 1637	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2019 13:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-97B-080719	19H0087-01	Solid	07-Aug-2019 15:45	07-Aug-2019 16:37

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2019 13:04

Work Order Case Narrative

Sample receipt

One sample as listed on the preceding page was received August 7, 2019 under ARI work order 19H0087. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): _____ (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 19H0087 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1637 26.7°C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DOO 5206

Cooler Accepted by: JBw Date: 08/07/19 Time: 1637

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	(Individually)	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		_____

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JBw Date: 08/07/19 Time: 1643 Labels checked by: JBw

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19H0087

Cooler#: _____ **Temperature(°C):** 26.7°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 08/07/19 Time: 1637

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2019 13:04

SO-TC-97B-080719

19H0087-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/07/2019 15:45

Instrument: ICP2 Analyst: TCH — Analyzed: 08/12/2019 11:19

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19H0087-01 A 02

Preparation Batch: BHH0243 — Sample Size: 25 mL (wet)

Prepared: 12-Aug-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.806**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.248**	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2019 13:04

SO-TC-97B-080719

19H0087-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/07/2019 15:45

Instrument: Accumet AR60 Analyst: BF — Analyzed: 08/12/2019 17:06

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19H0087-01 A

Preparation Batch: BHH0297 — Sample Size: 20.0282 g (wet)

Prepared: 12-Aug-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**7.66**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
13-Aug-2019 13:04

TCLP Metals and Metallic Compounds - Quality Control

Batch BHH0243 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHH0243-BLK1)	Prepared: 12-Aug-2019 Analyzed: 12-Aug-2019 11:15										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2019 13:04

Wet Chemistry - Quality Control

Batch BHH0297 - EPA 9045D

Instrument: Accumet AR60 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHH0297-BS2)	Prepared: 12-Aug-2019 Analyzed: 12-Aug-2019 17:06										
pH	7.05	0.01	0.01	pH Units	7.00		101	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Aug-2019 13:04

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	13-Aug-2019 13:04

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

20 August 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19H0185	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.08.20 15:41:03 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19H0185	Turn-around Requested: 5 Day	Date: 8/14/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 28.1
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Duggan		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-98A-081319	08/13/19	14:00	Soil	1	✔	✔	
SO-TC-98B-081319	08/13/19	14:15	Soil	1	✔	✔	
SO-TC-98C-081319	08/13/19	14:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Jeff King	Printed Name: Erin Sallee	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 8/14/2019 1:58	Date & Time: 8/14/19 1358	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Aug-2019 15:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-98A-081319	19H0185-01	Solid	13-Aug-2019 14:00	14-Aug-2019 13:58
SO-TC-98B-081319	19H0185-02	Solid	13-Aug-2019 14:15	14-Aug-2019 13:58
SO-TC-98C-081319	19H0185-03	Solid	13-Aug-2019 14:30	14-Aug-2019 13:58

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Aug-2019 15:37

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received August 14, 2019 under ARI work order 19H0185. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other: _____

Assigned ARI Job No: 19H0185 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1358 1.8 | 1.1

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00256S

Cooler Accepted by: [signature] Date: 8/14/19 Time: 1358

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES (NO)

How were bottles sealed in plastic bags? Individually (Grouped) Not

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA) _____

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: [signature] Date: 8/14/19 Time: 1432 Labels checked by: GS

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19H0185

Cooler#: _____ Temperature(°C): 23.1

Sample ID	Bottle Count	Bottle Type
Samples above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 8/14/19 Time: 1358

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Aug-2019 15:37

SO-TC-98A-081319

19H0185-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/13/2019 14:00

Instrument: ICP2 Analyst: TCH — Analyzed: 08/19/2019 10:11

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19H0185-01 A 02

Preparation Batch: BHH0416 — Sample Size: 25 mL (wet)

Prepared: 16-Aug-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.125**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0095**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Aug-2019 15:37

SO-TC-98A-081319

19H0185-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/13/2019 14:00

Instrument: Accumet AR60 Analyst: BF — Analyzed: 08/20/2019 13:03

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19H0185-01 A

Preparation Batch: BHH0487 — Sample Size: 20.56 g (wet)

Prepared: 20-Aug-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.31**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Aug-2019 15:37

SO-TC-98B-081319

19H0185-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/13/2019 14:15

Instrument: ICP2 Analyst: TCH — Analyzed: 08/19/2019 10:15

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19H0185-02 A 02

Preparation Batch: BHH0416 — Sample Size: 25 mL (wet)

Prepared: 16-Aug-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.224**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0196**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Aug-2019 15:37

SO-TC-98B-081319

19H0185-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/13/2019 14:15

Instrument: Accumet AR60 Analyst: BF — Analyzed: 08/20/2019 13:03

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19H0185-02 A

Preparation Batch: BHH0487 — Sample Size: 20.89 g (wet)

Prepared: 20-Aug-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.11**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Aug-2019 15:37

SO-TC-98C-081319

19H0185-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/13/2019 14:30

Instrument: ICP2 Analyst: TCH — Analyzed: 08/19/2019 10:20

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19H0185-03 A 02

Preparation Batch: BHH0416 — Sample Size: 25 mL (wet)

Prepared: 16-Aug-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.188**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0160**	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Aug-2019 15:37

SO-TC-98C-081319

19H0185-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/13/2019 14:30

Instrument: Accumet AR60 Analyst: BF — Analyzed: 08/20/2019 13:03

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19H0185-03 A

Preparation Batch: BHH0487 — Sample Size: 20.18 g (wet)

Prepared: 20-Aug-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.18**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
20-Aug-2019 15:37

TCLP Metals and Metallic Compounds - Quality Control

Batch BHH0416 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHH0416-BLK1)					Prepared: 16-Aug-2019 Analyzed: 19-Aug-2019 10:07						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Aug-2019 15:37

Wet Chemistry - Quality Control

Batch BHH0487 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHH0487-BS1)				Prepared: 20-Aug-2019 Analyzed: 20-Aug-2019 13:03							
pH	7.03	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BHH0487-DUP1)		**Source: 19H0185-01**		Prepared: 20-Aug-2019 Analyzed: 20-Aug-2019 13:03							
pH	9.43	0.01	0.01	pH Units		9.31			1.28	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Aug-2019 15:37

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	20-Aug-2019 15:37

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

20 August 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19H0186	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.08.20 15:41:20 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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Accredited in accordance with nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19H0186	Turn-around Requested: 5 Day	Date: 8/14/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 28.1
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-99A-081419	08/14/19	11:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Jeff King	Printed Name: Erin Sallee	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 8/14/2019 1:58	Date & Time: 8/14/19 1358	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Aug-2019 15:39

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-99A-081419	19H0186-01	Solid	14-Aug-2019 11:30	14-Aug-2019 13:58

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Aug-2019 15:39

Work Order Case Narrative

Sample receipt

One sample as listed on the preceding page were received August 14, 2019 under ARI work order 19H0186. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other: _____

Assigned ARI Job No: 19H0186 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1358 ISI1

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00255

Cooler Accepted by: _____ Date: 8/14/19 Time: 1358

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES (NO)

How were bottles sealed in plastic bags? (Individually) Grouped Not

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA) _____

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: _____ Date: 8/14/19 Time: 1436 Labels checked by: _____

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: _____ Date: _____

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: _____

Cooler#: _____ Temperature(°C): 7.8, 1

Sample ID	Bottle Count	Bottle Type
Samples above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 8/14/19 Time: 1358

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Aug-2019 15:39

SO-TC-99A-081419

19H0186-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/14/2019 11:30

Instrument: ICP2 Analyst: TCH — Analyzed: 08/19/2019 10:58

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19H0186-01 A 02

Preparation Batch: BHH0416 — Sample Size: 25 mL (wet)

Prepared: 16-Aug-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.350**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.0959**	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Aug-2019 15:39

SO-TC-99A-081419

19H0186-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/14/2019 11:30

Instrument: Accumet AR60 Analyst: BF — Analyzed: 08/20/2019 13:03

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19H0186-01 A

Preparation Batch: BHH0487 — Sample Size: 20.17 g (wet)

Prepared: 20-Aug-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**7.07**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
20-Aug-2019 15:39

TCLP Metals and Metallic Compounds - Quality Control

Batch BHH0416 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHH0416-BLK1)					Prepared: 16-Aug-2019 Analyzed: 19-Aug-2019 10:07						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Aug-2019 15:39

Wet Chemistry - Quality Control

Batch BHH0487 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHH0487-BS1)	Prepared: 20-Aug-2019 Analyzed: 20-Aug-2019 13:03										
pH	7.03	0.01	0.01	pH Units	7.00		100	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Aug-2019 15:39

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	20-Aug-2019 15:39

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

28 August 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19H0342	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.08.28 16:12:45 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19H0342	Turn-around Requested: 5 Day	Date: 8/22/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 23.1 °C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-99B-082219	08/22/19	12:45	Soil	1	✔	✔							

Analysis Requested

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Connor Hayton	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PTC	Company: ARI	Company:	Company:
	Date & Time: 8/22/19 15:00	Date & Time: 08/22/19 1540	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Aug-2019 16:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-99B-082219	19H0342-01	Solid	22-Aug-2019 12:45	22-Aug-2019 15:40

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Aug-2019 16:08

Work Order Case Narrative

Sample receipt

One sample as listed on the preceding page was received August 22, 2019 under ARI work order 19H0342. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): ~~NA~~ Delivered by: Fed-Ex UPS Courier ~~Hand Delivered~~ Other: _____

Assigned ARI Job No: 19H0342 Tracking No: ~~NA~~

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	~~NO~~
Were custody papers included with the cooler?	~~YES~~	NO
Were custody papers properly filled out (ink, signed, etc.)	~~YES~~	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1540 23.1°C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 5206

Cooler Accepted by: JJ Date: 08/22/19 Time: 1540

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	~~NO~~
What kind of packing material was used? ... Bubble Wrap ~~Wet Ice~~ Gel Packs ~~Baggies~~ Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	YES	~~NO~~
How were bottles sealed in plastic bags?	~~Individually~~	Grouped	~~Not~~
Did all bottles arrive in good condition (unbroken)?		~~YES~~	NO
Were all bottle labels complete and legible?		~~YES~~	NO
Did the number of containers listed on COC match with the number of containers received?		~~YES~~	NO
Did all bottle labels and tags agree with custody papers?		~~YES~~	NO
Were all bottles used correct for the requested analyses?		~~YES~~	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	~~NA~~	YES	NO
Were all VOC vials free of air bubbles?	~~NA~~	YES	NO
Was sufficient amount of sample sent in each bottle?		~~YES~~	NO
Date VOC Trip Blank was made at ARI	~~NA~~		

Were the sample(s) split by ARI? ~~NA~~ YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JJ Date: 8/22/19 Time: 1652 Labels checked by: JJ

** ***Notify Project Manager of discrepancies or concerns*** **

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19H0342

Cooler#: _____ Temperature(°C): 23.1°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 08/22/19 Time: 1540

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Aug-2019 16:08

SO-TC-99B-082219

19H0342-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/22/2019 12:45

Instrument: ICP2 Analyst: TCH — Analyzed: 08/27/2019 15:58

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19H0342-01 A 03

Preparation Batch: BHH0685 — Sample Size: 25 mL (wet)

Prepared: 27-Aug-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0978**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Aug-2019 16:08

SO-TC-99B-082219

19H0342-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/22/2019 12:45

Instrument: Accumet AR60 Analyst: DJM — Analyzed: 08/23/2019 14:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19H0342-01 A

Preparation Batch: BHH0625 — Sample Size: 21.58 g (wet)

Prepared: 23-Aug-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	**8.08**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Aug-2019 16:08

TCLP Metals and Metallic Compounds - Quality Control

Batch BHH0685 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHH0685-BLK1)				Prepared: 27-Aug-2019 Analyzed: 27-Aug-2019 15:54							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Aug-2019 16:08

Wet Chemistry - Quality Control

Batch BHH0625 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: DJM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHH0625-BS1)	Prepared: 23-Aug-2019 Analyzed: 23-Aug-2019 14:25										
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Aug-2019 16:08

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	28-Aug-2019 16:08

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

27 August 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19H0295	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.08.27 09:34:40 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19H0295	Turn-around Requested: 3 Day	Date: 8/20/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: 1 of 1	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 27.1°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: ph 9045C	Notes/Comments
SO-TC-100A-082019	08/20/19	09:00	Soil	1	✔	✔	
SO-TC-100B-082019	08/20/19	09:15	Soil	1	✔	✔	
SO-TC-100C-082019	08/20/19	09:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Isabella Ite	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 8/20/19 16:50	Date & Time: 08/20/19 1650	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2019 09:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-100A-082019	19H0295-01	Solid	20-Aug-2019 09:00	20-Aug-2019 16:50
SO-TC-100B-082019	19H0295-02	Solid	20-Aug-2019 09:15	20-Aug-2019 16:50
SO-TC-100C-082019	19H0295-03	Solid	20-Aug-2019 09:30	20-Aug-2019 16:50

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2019 09:18

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received August 20, 2019 under ARI work order 19H0295. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The Duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 19H0295
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1650 27.1°C

If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: D00 5206

Cooler Accepted by: JAm Date: 08/20/19 Time: 1650

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: JAm Date: 08/20/19 Time: 1746 Labels checked by: JAm

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19H0295

Cooler#: _____ **Temperature(°C):** 27.1°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 08/20/19 Time: 1650

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2019 09:18

SO-TC-100A-082019

19H0295-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/20/2019 09:00

Instrument: ICP2 Analyst: TCH — Analyzed: 08/22/2019 15:27

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19H0295-01 A 02

Preparation Batch: BHH0574 — Sample Size: 25 mL (wet)

Prepared: 22-Aug-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0910**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2019 09:18

SO-TC-100A-082019

19H0295-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/20/2019 09:00

Instrument: Accumet AR60 Analyst: DJM — Analyzed: 08/23/2019 14:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19H0295-01 A

Preparation Batch: BHH0625 — Sample Size: 20.07 g (wet)

Prepared: 23-Aug-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.29**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2019 09:18

SO-TC-100B-082019

19H0295-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/20/2019 09:15

Instrument: ICP2 Analyst: TCH — Analyzed: 08/22/2019 15:31

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19H0295-02 A 02

Preparation Batch: BHH0574 — Sample Size: 25 mL (wet)

Prepared: 22-Aug-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.109**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0135**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2019 09:18

SO-TC-100B-082019

19H0295-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/20/2019 09:15

Instrument: Accumet AR60 Analyst: DJM — Analyzed: 08/23/2019 14:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19H0295-02 A

Preparation Batch: BHH0625 — Sample Size: 20.8 g (wet)

Prepared: 23-Aug-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.45**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2019 09:18

SO-TC-100C-082019

19H0295-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/20/2019 09:30

Instrument: ICP2 Analyst: TCH — Analyzed: 08/22/2019 15:35

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19H0295-03 A 02

Preparation Batch: BHH0574 — Sample Size: 25 mL (wet)

Prepared: 22-Aug-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0917**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0126**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2019 09:18

SO-TC-100C-082019

19H0295-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/20/2019 09:30

Instrument: Accumet AR60 Analyst: DJM — Analyzed: 08/23/2019 14:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19H0295-03 A

Preparation Batch: BHH0625 — Sample Size: 21.49 g (wet)

Prepared: 23-Aug-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	**9.04**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
27-Aug-2019 09:18

TCLP Metals and Metallic Compounds - Quality Control

Batch BHH0574 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHH0574-BLK1)	Prepared: 22-Aug-2019 Analyzed: 22-Aug-2019 15:22										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2019 09:18

Wet Chemistry - Quality Control

Batch BHH0625 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: DJM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHH0625-BS1)				Prepared: 23-Aug-2019 Analyzed: 23-Aug-2019 14:25							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			
Duplicate (BHH0625-DUP1)		**Source: 19H0295-01**		Prepared: 23-Aug-2019 Analyzed: 23-Aug-2019 14:25							
pH	9.39	0.009	0.009	pH Units		9.29			1.07	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Aug-2019 09:18

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	27-Aug-2019 09:18

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

05 September 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19H0428	N/A

Amanda Volgardsen

Digitally signed by Amanda Volgardsen
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Amanda Volgardsen, email=amanda.volgardsen@arilabs.com
Date: 2019.09.05 16:29:20 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19H0428	Turn-around Requested: 5 Day	Date: 8/28/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 76.3
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-101A-082719	08/27/19	10:00	Soil	1	✔	✔							
SO-TC-101B-082719	08/27/19	10:15	Soil	1	✔	✔							
SO-TC-101C-082719	08/27/19	10:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Erin Scalle	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 8/28/19 2:07	Date & Time: 8/28/19 1407	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Sep-2019 16:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-101A-082719	19H0428-01	Solid	27-Aug-2019 10:00	28-Aug-2019 14:07
SO-TC-101B-082719	19H0428-02	Solid	27-Aug-2019 10:15	28-Aug-2019 14:07
SO-TC-101C-082719	19H0428-03	Solid	27-Aug-2019 10:30	28-Aug-2019 14:07

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Sep-2019 16:28

Work Order Case Narrative

Sample receipt

One sample as listed on the preceding page were received August 28, 2019 under ARI work order 19H0428. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The samples were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

A duplicate was prepared in conjunction with sample SO-TC-101A-082719. The duplicate RPD was within QC limits.

TCLP Metals

The samples were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The LCS percent recovery was within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: SLON

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other: _____

Assigned ARI Job No: 19H0428 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1407 2.6.3

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 5206

Cooler Accepted by: _____ Date: 8/28/19 Time: 1407

Complete custody forms and attach all shipping documents

Log-In Phase:

08/28/19

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES NO

How were bottles sealed in plastic bags? Individually Grouped Not

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ... NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI NA _____

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: _____ Date: 8/28/19 Time: 1422 Labels checked by: _____

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19H0428

Cooler#: _____ **Temperature(°C):** 26.3

Sample ID	Bottle Count	Bottle Type
Samples above 6°C	3	

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 8/28/19 Time: 26.3

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Sep-2019 16:28

SO-TC-101A-082719

19H0428-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/27/2019 10:00

Instrument: ICP2 Analyst: TCH — Analyzed: 09/04/2019 11:07

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19H0428-01 A 02

Preparation Batch: BHI0032 — Sample Size: 25 mL (wet)

Prepared: 03-Sep-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.113**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0168**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Sep-2019 16:28

SO-TC-101A-082719

19H0428-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/27/2019 10:00

Instrument: Accumet AB150 Analyst: YK — Analyzed: 09/02/2019 12:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19H0428-01 A

Preparation Batch: BHI0013 — Sample Size: 20.25 g (wet)

Prepared: 02-Sep-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.52**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Sep-2019 16:28

SO-TC-101B-082719

19H0428-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/27/2019 10:15

Instrument: ICP2 Analyst: TCH — Analyzed: 09/04/2019 11:12

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19H0428-02 A 02

Preparation Batch: BHI0032 — Sample Size: 25 mL (wet)

Prepared: 03-Sep-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.134**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.149**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Sep-2019 16:28

SO-TC-101B-082719

19H0428-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/27/2019 10:15

Instrument: Accumet AB150 Analyst: YK — Analyzed: 09/02/2019 12:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19H0428-02 A

Preparation Batch: BHI0013 — Sample Size: 20.36 g (wet)

Prepared: 02-Sep-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.77**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Sep-2019 16:28

SO-TC-101C-082719

19H0428-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/27/2019 10:30

Instrument: ICP2 Analyst: TCH — Analyzed: 09/04/2019 11:16

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19H0428-03 A 02

Preparation Batch: BHI0032 — Sample Size: 25 mL (wet)

Prepared: 03-Sep-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0809**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0105**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Sep-2019 16:28

SO-TC-101C-082719

19H0428-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/27/2019 10:30

Instrument: Accumet AB150 Analyst: YK — Analyzed: 09/02/2019 12:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19H0428-03 A

Preparation Batch: BHI0013 — Sample Size: 20.89 g (wet)

Prepared: 02-Sep-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.19**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
05-Sep-2019 16:28

TCLP Metals and Metallic Compounds - Quality Control

Batch BHI0032 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHI0032-BLK1)					Prepared: 03-Sep-2019 Analyzed: 04-Sep-2019 10:04						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
LCS (BHI0032-BS1)					Prepared: 03-Sep-2019 Analyzed: 04-Sep-2019 10:42						
Lead	4.32	0.0065	0.100	mg/L	4.00		108	80-120			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Sep-2019 16:28

Wet Chemistry - Quality Control

Batch BHI0013 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: YK

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHI0013-BS1)				Prepared: 02-Sep-2019 Analyzed: 02-Sep-2019 12:25							
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BHI0013-DUP1)		**Source: 19H0428-01**		Prepared: 02-Sep-2019 Analyzed: 02-Sep-2019 12:25							
pH	8.56	0.01	0.01	pH Units		8.52			0.47	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Sep-2019 16:28

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	05-Sep-2019 16:28

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

20 September 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19I0117	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.09.20 09:58:29 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19I0117	Turn-around Requested: 10 Day	Date: 9/9/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 23.9°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Duggan		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-102A-090519	09/05/19	15:00	Soil	1	✔	✔	
SO-TC-102B-090519	09/05/19	15:15	Soil	1	✔	✔	
SO-TC-102C-090519	09/05/19	15:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacobvalte	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 9/9/19 16:47	Date & Time: 09/09/19 1647	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Sep-2019 09:46

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-102A-090519	19I0117-01	Solid	05-Sep-2019 15:00	09-Sep-2019 16:47
SO-TC-102B-090519	19I0117-02	Solid	05-Sep-2019 15:15	09-Sep-2019 16:47
SO-TC-102C-090519	19I0117-03	Solid	05-Sep-2019 15:30	09-Sep-2019 16:47

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Sep-2019 09:46

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received September 9, 2019 under ARI work order 19I0117. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 19I0117 Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1647 23.1°C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 5206

Cooler Accepted by: JSm Date: 09/09/19 Time: 1647

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:

Was sufficient ice used (if appropriate)? NA YES (NO)

How were bottles sealed in plastic bags? Individually (Grouped) Not JSm

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ... (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA)

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: JSm Date: 09/09/19 Time: 1716 Labels checked by: JSm

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19I0117

Cooler#: _____ Temperature(°C): 23.9°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 9/6/19 Time: 1647

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Sep-2019 09:46

SO-TC-102A-090519

19I0117-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/05/2019 15:00

Instrument: ICP2 Analyst: MCB — Analyzed: 09/18/2019 12:49

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19I0117-01 A 02

Preparation Batch: BHI0377 — Sample Size: 25 mL (wet)

Prepared: 13-Sep-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0856**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0497**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Sep-2019 09:46

SO-TC-102A-090519

19I0117-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/05/2019 15:00

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 09/16/2019 19:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19I0117-01 A

Preparation Batch: BHI0435 — Sample Size: 20.01 g (wet)

Prepared: 15-Sep-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.68**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Sep-2019 09:46

SO-TC-102B-090519

19I0117-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/05/2019 15:15

Instrument: ICP2 Analyst: MCB — Analyzed: 09/18/2019 12:54

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19I0117-02 A 02

Preparation Batch: BHI0377 — Sample Size: 25 mL (wet)

Prepared: 13-Sep-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0609**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0103**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Sep-2019 09:46

SO-TC-102B-090519

19I0117-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/05/2019 15:15

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 09/16/2019 19:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19I0117-02 A

Preparation Batch: BHI0435 — Sample Size: 20 g (wet)

Prepared: 15-Sep-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.95**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Sep-2019 09:46

SO-TC-102C-090519

19I0117-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/05/2019 15:30

Instrument: ICP2 Analyst: MCB — Analyzed: 09/18/2019 12:59

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19I0117-03 A 02

Preparation Batch: BHI0377 — Sample Size: 25 mL (wet)

Prepared: 13-Sep-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0856**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0069**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Sep-2019 09:46

SO-TC-102C-090519

19I0117-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/05/2019 15:30

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 09/16/2019 19:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19I0117-03 A

Preparation Batch: BHI0435 — Sample Size: 20.17 g (wet)

Prepared: 15-Sep-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.02**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
20-Sep-2019 09:46

TCLP Metals and Metallic Compounds - Quality Control

Batch BHI0377 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHI0377-BLK1)					Prepared: 13-Sep-2019 Analyzed: 17-Sep-2019 15:30						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Sep-2019 09:46

Wet Chemistry - Quality Control

Batch BHI0435 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHI0435-BS1)				Prepared: 15-Sep-2019 Analyzed: 16-Sep-2019 19:02							
pH	7.04	0.01	0.01	pH Units	7.00		101	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Sep-2019 09:46

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	20-Sep-2019 09:46

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

20 September 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19I0156	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.09.20 09:58:48 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19I0156	Turn-around Requested: 10 Day	Date: 9/10/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 25.2
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-103A-091019	09/10/19	15:00	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Erin Salle	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 9/10/2019 16:43	Date & Time: 9/10/19 1643	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Sep-2019 09:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-103A-091019	19I0156-01	Solid	10-Sep-2019 15:00	10-Sep-2019 16:43

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Sep-2019 09:54

Work Order Case Narrative

Sample receipt

One sample as listed on the preceding page was received September 10, 2019 under ARI work order 19I0156. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 19I0156

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1643 25.2

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00 5206

Cooler Accepted by: Date: 9/10/19 Time: 1643

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:

Was sufficient ice used (if appropriate)? NA YES NO

How were bottles sealed in plastic bags? Individually Grouped Not

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI NA

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 9/11/19 Time: 0929 Labels checked by:

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19I0156

Cooler#: _____ **Temperature(°C):** 25.2

Sample ID	Bottle Count	Bottle Type
Samples above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 9/10/19 Time: 1643

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Sep-2019 09:54

SO-TC-103A-091019

19I0156-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/10/2019 15:00

Instrument: ICP2 Analyst: MCB — Analyzed: 09/18/2019 12:17

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19I0156-01 A 02

Preparation Batch: BHI0377 — Sample Size: 25 mL (wet)

Prepared: 13-Sep-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.870**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.0954**	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Sep-2019 09:54

SO-TC-103A-091019

19I0156-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/10/2019 15:00

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 09/16/2019 19:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19I0156-01 A

Preparation Batch: BHI0435 — Sample Size: 20.19 g (wet)

Prepared: 15-Sep-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**7.44**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported: 20-Sep-2019 09:54

TCLP Metals and Metallic Compounds - Quality Control

Batch BHI0377 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHI0377-BLK1)					Prepared: 13-Sep-2019 Analyzed: 17-Sep-2019 15:30						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Sep-2019 09:54

Wet Chemistry - Quality Control

Batch BHI0435 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHI0435-BS1)				Prepared: 15-Sep-2019 Analyzed: 16-Sep-2019 19:02							
pH	7.04	0.01	0.01	pH Units	7.00		101	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Sep-2019 09:54

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	20-Sep-2019 09:54

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

30 September 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19I0366	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.09.30 14:29:12 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19I0366	Turn-around Requested: 5 Day	Date: 9/23/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 20.6°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-103B-092319	09/23/19	15:25	Soil	1	✔	✔							

Analysis Requested

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 9/23/19 16:42	Date & Time: 09/23/19 1642	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Sep-2019 14:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-103B-092319	19I0366-01	Solid	23-Sep-2019 15:25	23-Sep-2019 16:42

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Sep-2019 14:24

Work Order Case Narrative

Sample receipt

One sample as listed on the preceding page was received September 23, 2019 under ARI work order 19I0366. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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WORK ORDER

19I0366

Client: PERC-Pacific Environmental and Redevelopment
Project Manager: Shelly Fishel
Project: Superlon Plastics
Project Number: SLON

Report To:
PERC-Pacific Environmental and Redevelopment Corp
Kenny King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone: (425) 346-0921
Fax:

Invoice To:
PERC-Pacific Environmental and Redevelopment Corp
Jeffrey King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone :(425) 238-2212
Fax:

Date Due: 01-Oct-2019 18:00 (5 day TAT)

Received By: Jacob Walter
Date Received: 23-Sep-2019 16:42

Logged In By: Kenny Dang
Date Logged In: 23-Sep-2019 17:14

Samples Received at **20.6°C**

Intact, properly signed and dated custody seals attached to outside of cooler(s)	No	Custody papers included with the cooler	Yes
Custody papers properly filled out (in, signed, analyses requested, etc)	Yes	Was a temperature blank included in the cooler	No
Was sufficient ice used (if appropriate)	No	All bottles sealed in individual plastic bags	Yes
All bottles arrived in good condition (unbroken)	Yes	All bottle labels complete and legible	Yes
Number of containers listed on COC match number received	Yes	Bottle labels and tags agree with COC	Yes
Correct bottles used for the requested analyses	Yes	All VOC vials free of air bubbles	No
Analyses/bottles require preservation (attach preservation sheet excluding VOC).	No	Sufficient amount of sample sent in each bottle	Yes
Sample split at ARI	No		

Analysis	Due	TAT	Expires	Comments
19I0366-01 SO-TC-103B-092319 [Solid] Sampled 23-Sep-2019 15:25 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
TCLP 6010C - Pb	01-Oct-2019 15:00	5	21-Mar-2020 15:25	
TCLP 6010C - As	01-Oct-2019 15:00	5	21-Mar-2020 15:25	
TCLP 1311	01-Oct-2019 15:00	5	21-Oct-2019 15:25	
pH, EPA 9045D, Solid	01-Oct-2019 15:00	5	07-Oct-2019 15:25	

Reviewed By

Date

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superior Plastics
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other:
Assigned ARI Job No: 19I0366
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1642 — 20.6°C

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: DOO 5206

Cooler Accepted by: JS Date: 09/23/19 Time: 1642

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	(Individually)	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: KD Date: 9/23/19 Time: 1715 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19I0366

Cooler#: _____ Temperature(°C): 20.6°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: JJ Date: 09/23/19 Time: 1642

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Sep-2019 14:24

SO-TC-103B-092319

19I0366-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/23/2019 15:25

Instrument: ICP2 Analyst: TCH — Analyzed: 09/26/2019 20:39

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19I0366-01 A 02

Preparation Batch: BHI0774 — Sample Size: 25 mL (wet)

Prepared: 26-Sep-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0984**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.484**	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Sep-2019 14:24

SO-TC-103B-092319

19I0366-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/23/2019 15:25

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 09/27/2019 16:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19I0366-01 A

Preparation Batch: BHI0833 — Sample Size: 20.5 g (wet)

Prepared: 27-Sep-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**6.64**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
30-Sep-2019 14:24

TCLP Metals and Metallic Compounds - Quality Control

Batch BHI0774 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHI0774-BLK1)				Prepared: 26-Sep-2019 Analyzed: 26-Sep-2019 20:30							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
30-Sep-2019 14:24

Wet Chemistry - Quality Control

Batch BHI0833 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHI0833-BS1)				Prepared: 27-Sep-2019 Analyzed: 27-Sep-2019 16:25							
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Sep-2019 14:24

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	30-Sep-2019 14:24

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

10 October 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19J0021	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.10.10 15:00:48 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19J0021	Turn-around Requested: 5 Day	Date: 10/1/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps: 2.2,4
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C	Analysis Requested						Notes/Comments
SO-TC-103C-100119	10/01/19	15:40	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Erin Salle	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/1/2019 16:46	Date & Time: 10/1/19 1646	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2019 14:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-103C-100119	19J0021-01	Solid	01-Oct-2019 15:40	01-Oct-2019 16:46

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2019 14:54

Work Order Case Narrative

Sample receipt

One sample as listed on the preceding page was received October 1, 2019 under ARI work order 19J0021. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 19J0021 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO

Were custody papers included with the cooler? ..... YES NO

Were custody papers properly filled out (ink, signed, etc.) ..... YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1646 22.4

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 25655

Cooler Accepted by: [signature] Date: 10/1/19 Time: 1646

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? ..... YES NO

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A

Was sufficient ice used (if appropriate)? ..... NA YES NO

How were bottles sealed in plastic bags? ..... Individually Grouped Not

Did all bottles arrive in good condition (unbroken)? ..... YES NO

Were all bottle labels complete and legible? ..... YES NO

Did the number of containers listed on COC match with the number of containers received? ..... YES NO

Did all bottle labels and tags agree with custody papers? ..... YES NO

Were all bottles used correct for the requested analyses? ..... YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ... NA YES NO

Were all VOC vials free of air bubbles? ..... NA YES NO

Was sufficient amount of sample sent in each bottle? ..... YES NO

Date VOC Trip Blank was made at ARI..... NA _____

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: [signature] Date: 10/1/19 Time: 1650 Labels checked by: WS

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19J0021

Cooler#: _____ Temperature(°C): 22.4

Sample ID	Bottle Count	Bottle Type
Sample above 6°C	22.4	

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 10/11/19 Time: 1646

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2019 14:54

SO-TC-103C-100119

19J0021-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/01/2019 15:40

Instrument: ICP2 Analyst: TCH — Analyzed: 10/10/2019 06:54

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19J0021-01 A 03

Preparation Batch: BHJ0245 — Sample Size: 25 mL (wet)

Prepared: 09-Oct-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.299**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.199**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2019 14:54

SO-TC-103C-100119

19J0021-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/01/2019 15:40

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 10/08/2019 16:59

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19J0021-01 A 01

Preparation Batch: BHJ0230 — Sample Size: 20.2083 g (wet)

Prepared: 08-Oct-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**6.39**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
10-Oct-2019 14:54

TCLP Metals and Metallic Compounds - Quality Control

Batch BHJ0245 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHJ0245-BLK1)	Prepared: 09-Oct-2019 Analyzed: 10-Oct-2019 06:40										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2019 14:54

Wet Chemistry - Quality Control

Batch BHJ0230 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHJ0230-BS1)				Prepared: 08-Oct-2019 Analyzed: 08-Oct-2019 16:59							
pH	6.96	0.01	0.01	pH Units	7.00		99.4	99.2-100.8			
Duplicate (BHJ0230-DUP1)		**Source: 19J0021-01**		Prepared: 08-Oct-2019 Analyzed: 08-Oct-2019 16:59							
pH	6.43	0.01	0.01	pH Units		6.39			0.62	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2019 14:54

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2019 14:54

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

23 September 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19I0243	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.09.23 14:21:48 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19I0243	Turn-around Requested: 5 Day	Date: 9/16/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 22.8°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-104A-091119	09/11/19	14:00	Soil	1	✔	✔							
SO-TC-104B-091119	09/11/19	14:09	Soil	1	✔	✔							
SO-TC-104C-091119	09/11/19	14:15	Soil	1	✔	✔							

Analysis Requested

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacobi Alt	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 9/16/2019 16:45	Date & Time: 09/16/19 1645	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Sep-2019 14:21

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-104A-091119	19I0243-01	Solid	11-Sep-2019 14:00	16-Sep-2019 16:45
SO-TC-104B-091119	19I0243-02	Solid	11-Sep-2019 14:09	16-Sep-2019 16:45
SO-TC-104C-091119	19I0243-03	Solid	11-Sep-2019 14:15	16-Sep-2019 16:45

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Sep-2019 14:21

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received September 16, 2019 under ARI work order 19I0243. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PGRC

Project Name: Superior Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 19I0243

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1645 — 22.8°C

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: DOO SJ06

Cooler Accepted by: JBw Date: 09/16/19 Time: 1645

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JBw Date: 09/16/19 Time: 1650 Labels checked by: JBw

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19I0243

Cooler#: _____ **Temperature(°C):** 22.8°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JA Date: 09/16/19 Time: 1645

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Sep-2019 14:21

SO-TC-104A-091119

19I0243-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/11/2019 14:00

Instrument: ICP2 Analyst: TCH — Analyzed: 09/20/2019 12:27

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19I0243-01 A 04

Preparation Batch: BHI0553 — Sample Size: 25 mL (wet)

Prepared: 19-Sep-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.134**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0864**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Sep-2019 14:21

SO-TC-104A-091119

19I0243-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/11/2019 14:00

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 09/17/2019 23:00

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19I0243-01 A

Preparation Batch: BHI0507 — Sample Size: 20.09 g (wet)

Prepared: 17-Sep-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.23**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Sep-2019 14:21

SO-TC-104B-091119

19I0243-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/11/2019 14:09

Instrument: ICP2 Analyst: TCH — Analyzed: 09/20/2019 12:32

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19I0243-02 A 04

Preparation Batch: BHI0553 — Sample Size: 25 mL (wet)

Prepared: 19-Sep-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0843**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0164**	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Sep-2019 14:21

SO-TC-104B-091119

19I0243-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/11/2019 14:09

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 09/17/2019 23:00

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19I0243-02 A

Preparation Batch: BHI0507 — Sample Size: 20.08 g (wet)

Prepared: 17-Sep-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.92**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Sep-2019 14:21

SO-TC-104C-091119

19I0243-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/11/2019 14:15

Instrument: ICP2 Analyst: TCH — Analyzed: 09/20/2019 12:36

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19I0243-03 A 04

Preparation Batch: BHI0553 — Sample Size: 25 mL (wet)

Prepared: 19-Sep-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.114**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0115**	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Sep-2019 14:21

SO-TC-104C-091119

19I0243-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/11/2019 14:15

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 09/17/2019 23:00

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19I0243-03 A

Preparation Batch: BHI0507 — Sample Size: 20.1 g (wet)

Prepared: 17-Sep-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.92**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
23-Sep-2019 14:21

TCLP Metals and Metallic Compounds - Quality Control

Batch BHI0553 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHI0553-BLK1)					Prepared: 19-Sep-2019 Analyzed: 20-Sep-2019 10:53						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Sep-2019 14:21

Wet Chemistry - Quality Control

Batch BHI0507 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHI0507-BS1)				Prepared: 17-Sep-2019 Analyzed: 17-Sep-2019 23:00							
pH	7.01	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BHI0507-DUP1)		**Source: 19I0243-01**		Prepared: 17-Sep-2019 Analyzed: 17-Sep-2019 23:00							
pH	8.27	0.01	0.01	pH Units		8.23			0.49	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Sep-2019 14:21

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	23-Sep-2019 14:21

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

10 October 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19J0113	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.10.10 15:01:24 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19J0113	Turn-around Requested: 3 Day	Date: 10/7/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 22.4°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-105A-100719	10/07/19	10:30	Soil	1	✔	✔							
SO-TC-105B-100719	10/07/19	10:45	Soil	1	✔	✔							
SO-TC-105C-100719	10/07/19	11:00	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Jeff King	Printed Name: Jacobnalter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/7/2019 4:28	Date & Time: 10/07/19 1628	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2019 14:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-105A-100719	19J0113-01	Solid	07-Oct-2019 10:30	07-Oct-2019 16:28
SO-TC-105B-100719	19J0113-02	Solid	07-Oct-2019 10:45	07-Oct-2019 16:28
SO-TC-105C-100719	19J0113-03	Solid	07-Oct-2019 11:00	07-Oct-2019 16:28

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2019 14:58

Work Order Case Narrative

Sample receipt

The samples as listed on the preceding page was received October 7, 2019 under ARI work order 19J0113. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERL Project Name: Superior Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 19J0113 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1628 22.4°C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DOO 5206

Cooler Accepted by: JB Date: 10/07/19 Time: 1628

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JB Date: 10/7/19 Time: 1659 Labels checked by: GS

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19J0113

Cooler#: _____ **Temperature(°C):** 22.4 °C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 10/07/19 Time: 1628

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2019 14:58

SO-TC-105A-100719

19J0113-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/07/2019 10:30

Instrument: ICP2 Analyst: TCH — Analyzed: 10/10/2019 08:18

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19J0113-01 A 03

Preparation Batch: BHJ0245 — Sample Size: 25 mL (wet)

Prepared: 09-Oct-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0424**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.105**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2019 14:58

SO-TC-105A-100719

19J0113-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/07/2019 10:30

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 10/08/2019 16:59

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19J0113-01 A 01

Preparation Batch: BHJ0230 — Sample Size: 20.25 g (wet)

Prepared: 08-Oct-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.70**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2019 14:58

SO-TC-105B-100719

19J0113-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/07/2019 10:45

Instrument: ICP2 Analyst: TCH — Analyzed: 10/10/2019 08:23

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19J0113-02 A 03

Preparation Batch: BHJ0245 — Sample Size: 25 mL (wet)

Prepared: 09-Oct-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0601**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.108**	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2019 14:58

SO-TC-105B-100719

19J0113-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/07/2019 10:45

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 10/08/2019 16:59

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19J0113-02 A 01

Preparation Batch: BHJ0230 — Sample Size: 20.486 g (wet)

Prepared: 08-Oct-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.87**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2019 14:58

SO-TC-105C-100719

19J0113-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/07/2019 11:00

Instrument: ICP2 Analyst: TCH — Analyzed: 10/10/2019 08:28

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19J0113-03 A 03

Preparation Batch: BHJ0245 — Sample Size: 25 mL (wet)

Prepared: 09-Oct-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0684**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.473**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2019 14:58

SO-TC-105C-100719

19J0113-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/07/2019 11:00

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 10/08/2019 16:59

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19J0113-03 A 01

Preparation Batch: BHJ0230 — Sample Size: 20.402 g (wet)

Prepared: 08-Oct-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.47**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
10-Oct-2019 14:58

TCLP Metals and Metallic Compounds - Quality Control

Batch BHJ0245 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHJ0245-BLK1)	Prepared: 09-Oct-2019 Analyzed: 10-Oct-2019 06:40										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
10-Oct-2019 14:58

Wet Chemistry - Quality Control

Batch BHJ0230 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHJ0230-BS1)	Prepared: 08-Oct-2019 Analyzed: 08-Oct-2019 16:59										
pH	6.96	0.01	0.01	pH Units	7.00		99.4	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2019 14:58

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2019 14:58

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

16 October 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19J0165	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.10.17 13:42:42 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19J0165	Turn-around Requested: 3 Day	Date: 10/9/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: Ø	Cooler Temps: 24.2
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C	Analysis Requested						Notes/Comments
SO-TC-106A-100919	10/09/19	11:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Kenny Dang	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/9/19 2:31	Date & Time: 10/9/19 1431	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Oct-2019 11:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-106A-100919	19J0165-01	Solid	09-Oct-2019 11:45	09-Oct-2019 14:31

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Oct-2019 11:45

Work Order Case Narrative

Sample receipt

One sample as listed on the preceding page was received October 9, 2019 under ARI work order 19J0165. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

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WORK ORDER

19J0165

Client: PERC-Pacific Environmental and Redevelopment
Project Manager: Shelly Fishel
Project: Superlon Plastics
Project Number: SLON

Report To:
PERC-Pacific Environmental and Redevelopment Corp
Kenny King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone: (425) 346-0921
Fax:

Invoice To:
PERC-Pacific Environmental and Redevelopment Corp
Jeffrey King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone :(425) 238-2212
Fax:

Date Due: 14-Oct-2019 18:00 (3 day TAT)

Received By: Kenny Dang
Date Received: 09-Oct-2019 14:31
Logged In By: Kenny Dang
Date Logged In: 09-Oct-2019 15:00

Samples Received at: **24.2°C**

Intact, properly signed and dated custody seals attached to outside of cooler(s)	No	Custody papers included with the cooler	Yes
Custody papers properly filled out (in, signed, analyses requested, etc)	Yes	Was a temperature blank included in the cooler	No
Was sufficient ice used (if appropriate)	No	All bottles sealed in individual plastic bags	Yes
All bottles arrived in good condition (unbroken)	Yes	All bottle labels complete and legible	Yes
Number of containers listed on COC match number received	Yes	Bottle labels and tags agree with COC	Yes
Correct bottles used for the requested analyses	Yes	All VOC vials free of air bubbles	No
Analyses/bottles require preservation (attach preservation sheet excluding VOC)	No	Sufficient amount of sample sent in each bottle	Yes
Sample split at ARI	No		

Analysis	Due	TAT	Expires	Comments
19J0165-01 SO-TC-106A-100919 [Solid] Sampled 09-Oct-2019 11:45 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
TCLP 6010C - Pb	14-Oct-2019 15:00	3	06-Apr-2020 11:45	
TCLP 6010C - As	14-Oct-2019 15:00	3	06-Apr-2020 11:45	
TCLP 1311	14-Oct-2019 15:00	3	06-Nov-2019 11:45	
pH, EPA 9045D, Solid	14-Oct-2019 15:00	3	23-Oct-2019 11:45	

Reviewed By

Date

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): _____ (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 19J0165 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 24.2

Time 1431

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DOO 5206

Cooler Accepted by: KD Date: 10/9/19 Time: 1431

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: Nothing			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	(Individually)	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: KD Date: 10/9/19 Time: 1500 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19J0165

Cooler#: 0 Temperature(°C): 24.2

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C.	1	

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: KD Date: 10/9/19 Time: 1431

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Oct-2019 11:45

SO-TC-106A-100919

19J0165-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/09/2019 11:45

Instrument: ICP2 Analyst: TCH — Analyzed: 10/15/2019 14:00

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19J0165-01 A 02

Preparation Batch: BHJ0388 — Sample Size: 25 mL (wet)

Prepared: 14-Oct-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.465**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.332**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Oct-2019 11:45

SO-TC-106A-100919

19J0165-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/09/2019 11:45

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 10/15/2019 01:12

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19J0165-01 A

Preparation Batch: BHJ0436 — Sample Size: 20 g (wet)

Prepared: 14-Oct-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**6.10**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
16-Oct-2019 11:45

TCLP Metals and Metallic Compounds - Quality Control

Batch BHJ0388 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHJ0388-BLK1)	Prepared: 14-Oct-2019 Analyzed: 15-Oct-2019 13:50										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Oct-2019 11:45

Wet Chemistry - Quality Control

Batch BHJ0436 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHJ0436-BS1)				Prepared: 14-Oct-2019 Analyzed: 15-Oct-2019 01:12							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			
Duplicate (BHJ0436-DUP1)		**Source: 19J0165-01**		Prepared: 14-Oct-2019 Analyzed: 15-Oct-2019 01:12							
pH	6.12	0.01	0.01	pH Units		6.10			0.33	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Oct-2019 11:45

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Oct-2019 11:45

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

25 October 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19J0284	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.10.25 10:19:38 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19J0284	Turn-around Requested: 5 Day			Date: 10/16/2019	
ARI Client Company: PERC	Phone: 425-346-0921			Page: of	
Client Contact: Kenny King				No. of Coolers: 0	Cooler Temps: 19.3
Client Project Name: Superlon Plastics					
Client Project #: SLON	Samplers: King				

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-106B-101619	10/16/19	14:30	Soil	1	✔								

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Kenny Dang	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/16/2019 16:45	Date & Time: 10/16/19 1645	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Oct-2019 10:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-106B-101619	19J0284-01	Solid	16-Oct-2019 14:30	16-Oct-2019 16:45

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Oct-2019 10:11

Work Order Case Narrative

Sample receipt

One sample as listed on the preceding page was received October 16, 2019 under ARI work order 19J0284. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS spike percent recoveries were within limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 19J0284
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1645 — 19.3

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: DOO 522

Cooler Accepted by: KD Date: 10/16/19 Time: 1645

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	(Individually)	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: KD Date: 10/16/19 Time: 1705 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19J0284

Cooler#: 0 **Temperature(°C):** 19.3

Sample ID	Bottle Count	Bottle Type
Sample received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: KD Date: 10/16/19 Time: 1645

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Oct-2019 10:11

SO-TC-106B-101619

19J0284-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/16/2019 14:30

Instrument: ICP2 Analyst: TCH — Analyzed: 10/23/2019 11:18

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19J0284-01 A 02

Preparation Batch: BHJ0633 — Sample Size: 25 mL (wet)

Prepared: 22-Oct-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.592**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.0206**	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Oct-2019 10:11

SO-TC-106B-101619

19J0284-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/16/2019 14:30

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 10/18/2019 00:28

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19J0284-01 A

Preparation Batch: BHJ0562 — Sample Size: 20.1 g (wet)

Prepared: 17-Oct-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**6.79**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
25-Oct-2019 10:11

TCLP Metals and Metallic Compounds - Quality Control

Batch BHJ0633 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHJ0633-BLK1)	Prepared: 22-Oct-2019 Analyzed: 23-Oct-2019 11:13										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
25-Oct-2019 10:11

Wet Chemistry - Quality Control

Batch BHJ0562 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHJ0562-BS1)	Prepared: 17-Oct-2019 Analyzed: 18-Oct-2019 00:28										
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Oct-2019 10:11

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	25-Oct-2019 10:11

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

22 October 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19J0243	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.10.22 12:35:19 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in it entirety.

nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19J0243	Turn-around Requested: 5 Day	Date: 10/14/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 24.2
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-107A-101419	10/14/19	10:30	Soil	1	✔	✔	
SO-TC-107B-101419	10/14/19	10:45	Soil	1	✔	✔	
SO-TC-107C-101419	10/14/19	11:00	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Kenny Dang	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/14/2019 16:34	Date & Time: 10/14/19 1634	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2019 12:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-107A-101419	19J0243-01	Solid	14-Oct-2019 10:30	14-Oct-2019 16:34
SO-TC-107B-101419	19J0243-02	Solid	14-Oct-2019 10:45	14-Oct-2019 16:34
SO-TC-107C-101419	19J0243-03	Solid	14-Oct-2019 11:00	14-Oct-2019 16:34

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2019 12:32

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received October 14, 2019 under ARI work order 19J0243. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS spike percent recoveries were within limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 19J0243

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1634 — 24.2 _____ _____ _____ _____ _____

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00S206

Cooler Accepted by: KD Date: 10/14/19 Time: 1634

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: Ziploc		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: KD Date: 10/14/19 Time: 1644 Labels checked by: KD

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19J0243

Cooler#: 1 Temperature(°C): 24.2

Sample ID	Bottle Count	Bottle Type
Sample received above 6°C		

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: KO Date: 10/14/19 Time: 1634

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2019 12:32

SO-TC-107A-101419

19J0243-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/14/2019 10:30

Instrument: ICP2 Analyst: TCH — Analyzed: 10/18/2019 08:39

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19J0243-01 A 02

Preparation Batch: BHJ0531 — Sample Size: 25 mL (wet)

Prepared: 17-Oct-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.137**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.153**	mg/L	

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2019 12:32

SO-TC-107A-101419

19J0243-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/14/2019 10:30

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 10/18/2019 00:28

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19J0243-01 A

Preparation Batch: BHJ0562 — Sample Size: 20.03 g (wet)

Prepared: 17-Oct-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.88**	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2019 12:32

SO-TC-107B-101419

19J0243-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/14/2019 10:45

Instrument: ICP2 Analyst: TCH — Analyzed: 10/18/2019 08:44

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19J0243-02 A 02

Preparation Batch: BHJ0531 — Sample Size: 25 mL (wet)

Prepared: 17-Oct-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.126**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2019 12:32

SO-TC-107B-101419

19J0243-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/14/2019 10:45
Instrument: Accumet AR60 Analyst: KLE — Analyzed: 10/18/2019 00:28

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19J0243-02 A
Preparation Batch: BHJ0562 — Sample Size: 20.07 g (wet)
Prepared: 17-Oct-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.34**	pH Units	

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2019 12:32

SO-TC-107C-101419

19J0243-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/14/2019 11:00
Instrument: ICP2 Analyst: TCH — Analyzed: 10/18/2019 09:34

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19J0243-03 A 02
Preparation Batch: BHJ0531 — Sample Size: 25 mL (wet)
Prepared: 17-Oct-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.127**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2019 12:32

SO-TC-107C-101419

19J0243-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/14/2019 11:00

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 10/18/2019 00:28

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19J0243-03 A

Preparation Batch: BHJ0562 — Sample Size: 20.22 g (wet)

Prepared: 17-Oct-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.18**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2019 12:32

TCLP Metals and Metallic Compounds - Quality Control

Batch BHJ0531 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHJ0531-BLK1)				Prepared: 17-Oct-2019 Analyzed: 18-Oct-2019 08:16							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2019 12:32

Wet Chemistry - Quality Control

Batch BHJ0562 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHJ0562-BS1)				Prepared: 17-Oct-2019 Analyzed: 18-Oct-2019 00:28							
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BHJ0562-DUP1)		**Source: 19J0243-01**		Prepared: 17-Oct-2019 Analyzed: 18-Oct-2019 00:28							
pH	8.85	0.01	0.01	pH Units		8.88			0.34	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2019 12:32

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	22-Oct-2019 12:32

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

24 October 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19J0309	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.10.24 14:59:05 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19J0309	Turn-around Requested: 5 Day	Date: 10/17/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: ∅	Cooler Temps: 17.8
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-108A-101719	10/17/19	14:00	Soil	1	✔	✔							
SO-TC-108B-101719	10/17/19	14:15	Soil	1	✔	✔							
SO-TC-108C-101719	10/17/19	14:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Kenny Dang	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/17/2019 16:38	Date & Time: 10/17/19 1640	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Oct-2019 14:56

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-108A-101719	19J0309-01	Solid	17-Oct-2019 14:00	17-Oct-2019 16:40
SO-TC-108B-101719	19J0309-02	Solid	17-Oct-2019 14:15	17-Oct-2019 16:40
SO-TC-108C-101719	19J0309-03	Solid	17-Oct-2019 14:30	17-Oct-2019 16:40

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Oct-2019 14:56

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received October 14, 2019 under ARI work order 19J0243. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS spike percent recoveries were within limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superion Plastics

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 19J0309 Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1640 17.8

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00520

Cooler Accepted by: KD Date: 10/17/19 Time: 1640

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:

Was sufficient ice used (if appropriate)? NA YES (NO)

How were bottles sealed in plastic bags? Individually (Grouped) Not

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA)

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: KD Date: 10/17/19 Time: 1646 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19J0309

Cooler#: 0 **Temperature(°C):** 17.8°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: KO Date: 10/17/19 Time: 1640

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Oct-2019 14:56

SO-TC-108A-101719

19J0309-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/17/2019 14:00

Instrument: ICP2 Analyst: TCH — Analyzed: 10/24/2019 12:55

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19J0309-01 A 02

Preparation Batch: BHJ0675 — Sample Size: 25 mL (wet)

Prepared: 23-Oct-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0739**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0149**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Oct-2019 14:56

SO-TC-108A-101719

19J0309-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/17/2019 14:00

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 10/18/2019 00:28

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19J0309-01 A

Preparation Batch: BHJ0562 — Sample Size: 20.04 g (wet)

Prepared: 17-Oct-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**7.96**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Oct-2019 14:56

SO-TC-108B-101719

19J0309-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/17/2019 14:15

Instrument: ICP2 Analyst: TCH — Analyzed: 10/24/2019 12:59

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19J0309-02 A 02

Preparation Batch: BHJ0675 — Sample Size: 25 mL (wet)

Prepared: 23-Oct-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0785**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0802**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Oct-2019 14:56

SO-TC-108B-101719

19J0309-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/17/2019 14:15

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 10/18/2019 00:28

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19J0309-02 A

Preparation Batch: BHJ0562 — Sample Size: 20.08 g (wet)

Prepared: 17-Oct-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**5.90**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Oct-2019 14:56

SO-TC-108C-101719

19J0309-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/17/2019 14:30

Instrument: ICP2 Analyst: TCH — Analyzed: 10/24/2019 13:03

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19J0309-03 A 02

Preparation Batch: BHJ0675 — Sample Size: 25 mL (wet)

Prepared: 23-Oct-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0671**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0511**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Oct-2019 14:56

SO-TC-108C-101719

19J0309-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/17/2019 14:30

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 10/18/2019 00:28

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19J0309-03 A

Preparation Batch: BHJ0562 — Sample Size: 20.04 g (wet)

Prepared: 17-Oct-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**6.05**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
24-Oct-2019 14:56

TCLP Metals and Metallic Compounds - Quality Control

Batch BHJ0675 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHJ0675-BLK1)	Prepared: 23-Oct-2019 Analyzed: 24-Oct-2019 12:31										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Oct-2019 14:56

Wet Chemistry - Quality Control

Batch BHJ0562 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHJ0562-BS1)	Prepared: 17-Oct-2019 Analyzed: 18-Oct-2019 00:28										
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Oct-2019 14:56

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	24-Oct-2019 14:56

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

30 October 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19J0396	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.10.30 10:55:02 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19J0396	Turn-around Requested: 3 Day	Date: 10/23/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 0	Cooler Temps: 18.3
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-109A-102319	10/23/19	09:00	Soil	1	✔	✔							
SO-TC-109B-102319	10/23/19	09:15	Soil	1	✔	✔							
SO-TC-109C-102319	10/23/19	09:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Kenny Dang	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/23/19 16:33	Date & Time: 10/23/19 1633	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Oct-2019 09:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-109A-102319	19J0396-01	Solid	23-Oct-2019 09:00	23-Oct-2019 16:33
SO-TC-109B-102319	19J0396-02	Solid	23-Oct-2019 09:15	23-Oct-2019 16:33
SO-TC-109C-102319	19J0396-03	Solid	23-Oct-2019 09:30	23-Oct-2019 16:33

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Oct-2019 09:40

Work Order Case Narrative

Sample receipt

Samples as listed on the preceding page were received October 23, 2019 under ARI work order 19J0396. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry - pH by EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

Sample specific QC was performed in association with sample 19J0396-01 in batch BHJ0765. The duplicate RPD was within control limits.

TCLP Metals by EPA Methoc 6010C

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS spike percent recoveries were within limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): _____ (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 19J0396 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1633 18.3 ____ ____ ____ ____ ____ ____

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DOO 5206

Cooler Accepted by: KO Date: 10/23/19 Time: 1633

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?			(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	(Not) 10/23/19 KO
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: KO Date: 10/23/19 Time: 1720 Labels checked by: KO

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19J0396

Cooler#: 4 **Temperature(°C):** 18.3

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: KD Date: 10/23/19 Time: 1653

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Oct-2019 09:40

SO-TC-109A-102319

19J0396-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/23/2019 09:00

Instrument: ICP2 Analyst: TCH — Analyzed: 10/29/2019 15:37

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19J0396-01 A 02

Preparation Batch: BHJ0843 — Sample Size: 25 mL (wet)

Prepared: 29-Oct-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0663**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**1.16**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Oct-2019 09:40

SO-TC-109A-102319

19J0396-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/23/2019 09:00

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 10/25/2019 00:32

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19J0396-01 A

Preparation Batch: BHJ0765 — Sample Size: 20.16 g (wet)

Prepared: 24-Oct-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**7.86**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Oct-2019 09:40

SO-TC-109B-102319

19J0396-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/23/2019 09:15

Instrument: ICP2 Analyst: TCH — Analyzed: 10/29/2019 15:41

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19J0396-02 A 02

Preparation Batch: BHJ0843 — Sample Size: 25 mL (wet)

Prepared: 29-Oct-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0597**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Oct-2019 09:40

SO-TC-109B-102319

19J0396-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/23/2019 09:15

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 10/25/2019 00:32

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19J0396-02 A

Preparation Batch: BHJ0765 — Sample Size: 20.04 g (wet)

Prepared: 24-Oct-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.83**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Oct-2019 09:40

SO-TC-109C-102319

19J0396-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/23/2019 09:30
Instrument: ICP2 Analyst: TCH — Analyzed: 10/29/2019 15:46

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19J0396-03 A 02
Preparation Batch: BHJ0843 — Sample Size: 25 mL (wet)
Prepared: 29-Oct-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.107**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.158**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Oct-2019 09:40

SO-TC-109C-102319

19J0396-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/23/2019 09:30

Instrument: Accumet AR60 Analyst: KLE — Analyzed: 10/25/2019 00:32

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19J0396-03 A

Preparation Batch: BHJ0765 — Sample Size: 20.07 g (wet)

Prepared: 24-Oct-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.07**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
30-Oct-2019 09:40

TCLP Metals and Metallic Compounds - Quality Control

Batch BHJ0843 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHJ0843-BLK1)	Prepared: 29-Oct-2019 Analyzed: 29-Oct-2019 15:32										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Oct-2019 09:40

Wet Chemistry - Quality Control

Batch BHJ0765 - No Prep Wet Chem

Instrument: Accumet AR60 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHJ0765-BS1)				Prepared: 24-Oct-2019 Analyzed: 25-Oct-2019 00:32							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BHJ0765-DUP1)		**Source: 19J0396-01**		Prepared: 24-Oct-2019 Analyzed: 25-Oct-2019 00:32							
pH	8.01	0.01	0.01	pH Units		7.86			1.89	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Oct-2019 09:40

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	30-Oct-2019 09:40

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

12 November 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19K0045	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.11.12 15:05:33 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19K0045	Turn-around Requested: 5 Day	Date: 11/4/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 19.8
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-110A-110419	11/04/19	10:30	Soil	1	✔	✔	
SO-TC-110B-110419	11/04/19	10:45	Soil	1	✔	✔	
SO-TC-110C-110419	11/04/19	11:00	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Erin Salle	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/4/2019 16:48	Date & Time: 11/4/19 1648	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2019 15:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-110A-110419	19K0045-01	Solid	04-Nov-2019 10:30	04-Nov-2019 16:48
SO-TC-110B-110419	19K0045-02	Solid	04-Nov-2019 10:45	04-Nov-2019 16:48
SO-TC-110C-110419	19K0045-03	Solid	04-Nov-2019 11:00	04-Nov-2019 16:48

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2019 15:03

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 19K0045

Sample receipt

Samples as listed on the preceding page were received November 4, 2019 under ARI work order 19K0045. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: RERC Project Name: Superdon Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 19K0045 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 19.8

Time _____

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00756S

Cooler Accepted by: _____ Date: 11/4/19 Time: 1648

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A

Was sufficient ice used (if appropriate)? NA YES (NO)

How were bottles sealed in plastic bags? Individually (Grouped) Not

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA) _____

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: _____ Date: 11/4/19 Time: 1712 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19K0045

Cooler#: _____ **Temperature(°C):** 19.8

Sample ID	Bottle Count	Bottle Type
Samples above 6°C	3	

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 11/4/19 Time: 1648

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2019 15:03

SO-TC-110A-110419

19K0045-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/04/2019 10:30

Instrument: ICP2 Analyst: TCH — Analyzed: 11/08/2019 15:16

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19K0045-01 A 04

Preparation Batch: BHK0202 — Sample Size: 25 mL (wet)

Prepared: 08-Nov-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.108**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.463**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2019 15:03

SO-TC-110A-110419

19K0045-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/04/2019 10:30

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/07/2019 13:14

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19K0045-01 A

Preparation Batch: BHK0172 — Sample Size: 22.24 g (wet)

Prepared: 07-Nov-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	**7.50**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2019 15:03

SO-TC-110B-110419

19K0045-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/04/2019 10:45

Instrument: ICP2 Analyst: TCH — Analyzed: 11/08/2019 15:21

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19K0045-02 A 04

Preparation Batch: BHK0202 — Sample Size: 25 mL (wet)

Prepared: 08-Nov-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.108**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**1.29**	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2019 15:03

SO-TC-110B-110419

19K0045-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/04/2019 10:45

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/07/2019 13:14

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19K0045-02 A

Preparation Batch: BHK0172 — Sample Size: 20.23 g (wet)

Prepared: 07-Nov-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.21**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2019 15:03

SO-TC-110C-110419

19K0045-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/04/2019 11:00

Instrument: ICP2 Analyst: TCH — Analyzed: 11/08/2019 15:25

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19K0045-03 A 04

Preparation Batch: BHK0202 — Sample Size: 25 mL (wet)

Prepared: 08-Nov-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.153**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**5.01**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2019 15:03

SO-TC-110C-110419

19K0045-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/04/2019 11:00

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/07/2019 13:14

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19K0045-03 A

Preparation Batch: BHK0172 — Sample Size: 21.42 g (wet)

Prepared: 07-Nov-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	**8.12**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
12-Nov-2019 15:03

TCLP Metals and Metallic Compounds - Quality Control

Batch BHK0202 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHK0202-BLK1)					Prepared: 08-Nov-2019 Analyzed: 08-Nov-2019 15:07						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0091	0.0065	0.100	mg/L							J

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
12-Nov-2019 15:03

Wet Chemistry - Quality Control

Batch BHK0172 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHK0172-BS1)				Prepared: 07-Nov-2019 Analyzed: 07-Nov-2019 13:14							
pH	6.95	0.01	0.01	pH Units	7.00		99.3	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2019 15:03

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	12-Nov-2019 15:03

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

13 November 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19K0068	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.11.13 12:20:25 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19K0068	Turn-around Requested: 5 Day	Date: 11/5/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 36.6
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C	Analysis Requested						Notes/Comments
SO-TC-111B-110519	11/05/19	14:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Erin Salle	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/5/2019 16:34	Date & Time: 11/5/19 1634	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Nov-2019 12:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-111B-110519	19K0068-01	Solid	05-Nov-2019 14:45	05-Nov-2019 16:34

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Nov-2019 12:17

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 19K0068

Sample receipt

One sample as listed on the preceding page was received November 5, 2019 under ARI work order 19K0068. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 19K0068 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time _____ 36.6 _____ _____ _____ _____ _____

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 2565

Cooler Accepted by: _____ Date: 11/5/19 Time: 1634

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: _____ Date: 11/5/19 Time: 1736 Labels checked by: GS

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19K0068

Cooler#: _____ **Temperature(°C):** 36.6

Sample ID	Bottle Count	Bottle Type
Sample above 6°C	1	

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 11/5/19 Time: 1634

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Nov-2019 12:17

SO-TC-111B-110519

19K0068-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/05/2019 14:45

Instrument: ICP2 Analyst: TCH — Analyzed: 11/12/2019 18:02

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19K0068-01 A 03

Preparation Batch: BHK0271 — Sample Size: 25 mL (wet)

Prepared: 12-Nov-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.186**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.335**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Nov-2019 12:17

SO-TC-111B-110519

19K0068-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/05/2019 14:45

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/07/2019 13:14

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19K0068-01 A

Preparation Batch: BHK0172 — Sample Size: 20.11 g (wet)

Prepared: 07-Nov-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.07**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
13-Nov-2019 12:17

TCLP Metals and Metallic Compounds - Quality Control

Batch BHK0271 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHK0271-BLK1)					Prepared: 12-Nov-2019 Analyzed: 12-Nov-2019 18:55						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Nov-2019 12:17

Wet Chemistry - Quality Control

Batch BHK0172 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHK0172-BS1)	Prepared: 07-Nov-2019 Analyzed: 07-Nov-2019 13:14										
pH	6.95	0.01	0.01	pH Units	7.00		99.3	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Nov-2019 12:17

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Nov-2019 12:17

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

13 November 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19K0091	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.11.13 12:31:43 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19K0091	Turn-around Requested: 5 Day	Date: 11/6/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 16.3
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-111C-110619	11/06/19	13:15	Soil	1	✔	✔							

Analysis Requested

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Erin Salle	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/6/2019 16:39	Date & Time: 11/6/19 1639	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Nov-2019 12:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-111C-110619	19K0091-01	Solid	06-Nov-2019 13:15	06-Nov-2019 16:39

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Nov-2019 12:29

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 19K0091

Sample receipt

One sample as listed on the preceding page was received November 6, 2019 under ARI work order 19K0091. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 19K0091 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 16.3

Time _____

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00256S

Cooler Accepted by: _____ Date: 11/6/19 Time: 1639

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A

Was sufficient ice used (if appropriate)? NA YES (NO)

How were bottles sealed in plastic bags? Individually (Grouped) Not

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA)

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: _____ Date: 11/6/19 Time: 1654 Labels checked by: GB

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: _____ Date: _____

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19K0091

Cooler#: _____ Temperature(°C): 16.3

Sample ID	Bottle Count	Bottle Type
Samples above 6°C	1	

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: [signature] Date: 11/6/19 Time: 16:39

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Nov-2019 12:29

SO-TC-111C-110619

19K0091-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/06/2019 13:15

Instrument: ICP2 Analyst: TCH — Analyzed: 11/12/2019 18:06

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19K0091-01 A 03

Preparation Batch: BHK0271 — Sample Size: 25 mL (wet)

Prepared: 12-Nov-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.300**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**0.156**	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Nov-2019 12:29

SO-TC-111C-110619

19K0091-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/06/2019 13:15

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/07/2019 13:14

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19K0091-01 A

Preparation Batch: BHK0172 — Sample Size: 20.37 g (wet)

Prepared: 07-Nov-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**7.11**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
13-Nov-2019 12:29

TCLP Metals and Metallic Compounds - Quality Control

Batch BHK0271 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHK0271-BLK1)					Prepared: 12-Nov-2019 Analyzed: 12-Nov-2019 18:55						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
13-Nov-2019 12:29

Wet Chemistry - Quality Control

Batch BHK0172 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHK0172-BS1)				Prepared: 07-Nov-2019 Analyzed: 07-Nov-2019 13:14							
pH	6.95	0.01	0.01	pH Units	7.00		99.3	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Nov-2019 12:29

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	13-Nov-2019 12:29

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

13 November 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19K0092	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.11.13 12:38:28 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19K0092	Turn-around Requested: 5 Day	Date: 11/6/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 16.3
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-112A-110619	11/06/19	15:15	Soil	1	✔	✔	
SO-TC-112B-110619	11/06/19	15:30	Soil	1	✔	✔	
SO-TC-112C-110619	11/06/19	15:45	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Erin Salle	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/6/2019 16:39	Date & Time: 11/6/19 1639	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Nov-2019 12:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-112A-110619	19K0092-01	Solid	06-Nov-2019 15:15	06-Nov-2019 16:39
SO-TC-112B-110619	19K0092-02	Solid	06-Nov-2019 15:30	06-Nov-2019 16:39
SO-TC-112C-110619	19K0092-03	Solid	06-Nov-2019 15:45	06-Nov-2019 16:39

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Nov-2019 12:33

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 19K0092

Sample receipt

Samples as listed on the preceding page were received November 6, 2019 under ARI work order 19K0092. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 19K0092 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 16.3

Time _____

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00256S

Cooler Accepted by: [signature] Date: 11/6/19 Time: 1639

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: [signature] Date: 11/6/19 Time: 1704 Labels checked by: GS

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19K0092

Cooler#: _____ Temperature(°C): 16.3

Sample ID	Bottle Count	Bottle Type
Samples above 6°C	1	

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 11/6/19 Time: 16:54

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Nov-2019 12:33

SO-TC-112A-110619

19K0092-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/06/2019 15:15

Instrument: ICP2 Analyst: TCH — Analyzed: 11/12/2019 18:11

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19K0092-01 A 03

Preparation Batch: BHK0271 — Sample Size: 25 mL (wet)

Prepared: 12-Nov-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0525**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.106**	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Nov-2019 12:33

SO-TC-112A-110619

19K0092-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/06/2019 15:15

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/07/2019 13:14

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19K0092-01 A

Preparation Batch: BHK0172 — Sample Size: 22.11 g (wet)

Prepared: 07-Nov-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	**6.55**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Nov-2019 12:33

SO-TC-112B-110619

19K0092-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/06/2019 15:30

Instrument: ICP2 Analyst: TCH — Analyzed: 11/12/2019 19:00

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19K0092-02 A 03

Preparation Batch: BHK0271 — Sample Size: 25 mL (wet)

Prepared: 12-Nov-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0563**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.288**	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Nov-2019 12:33

SO-TC-112B-110619

19K0092-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/06/2019 15:30

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/07/2019 13:14

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19K0092-02 A

Preparation Batch: BHK0172 — Sample Size: 20.74 g (wet)

Prepared: 07-Nov-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**6.43**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Nov-2019 12:33

SO-TC-112C-110619

19K0092-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/06/2019 15:45

Instrument: ICP2 Analyst: TCH — Analyzed: 11/12/2019 19:04

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19K0092-03 A 03

Preparation Batch: BHK0271 — Sample Size: 25 mL (wet)

Prepared: 12-Nov-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0481**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.328**	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Nov-2019 12:33

SO-TC-112C-110619

19K0092-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/06/2019 15:45

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/07/2019 13:14

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19K0092-03 A

Preparation Batch: BHK0172 — Sample Size: 20.51 g (wet)

Prepared: 07-Nov-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**6.55**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
13-Nov-2019 12:33

TCLP Metals and Metallic Compounds - Quality Control

Batch BHK0271 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHK0271-BLK1)	Prepared: 12-Nov-2019 Analyzed: 12-Nov-2019 18:55										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
13-Nov-2019 12:33

Wet Chemistry - Quality Control

Batch BHK0172 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHK0172-BS1)				Prepared: 07-Nov-2019 Analyzed: 07-Nov-2019 13:14							
pH	6.95	0.01	0.01	pH Units	7.00		99.3	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Nov-2019 12:33

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	13-Nov-2019 12:33

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

20 November 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19K0192	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.11.20 09:36:02 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19K0192	Turn-around Requested: 3 Day	Date: 11/13/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: Ø	Cooler Temps: 22.0
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-113A-111319	11/13/19	9:10	Soil	1	✔	✔	
SO-TC-113B-111319	11/13/19	9:20	Soil	1	✔	✔	
SO-TC-113C-111319	11/13/19	9:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF ICING	Printed Name: Kenny Dang	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/13/19 4:10pm	Date & Time: 11/13/19 1610	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Nov-2019 09:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-113A-111319	19K0192-01	Solid	13-Nov-2019 09:10	13-Nov-2019 16:10
SO-TC-113B-111319	19K0192-02	Solid	13-Nov-2019 09:20	13-Nov-2019 16:10
SO-TC-113C-111319	19K0192-03	Solid	13-Nov-2019 09:30	13-Nov-2019 16:10

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Nov-2019 09:33

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 19K0192

Sample receipt

Samples as listed on the preceding page were received November 13, 2019 under ARI work order 19K0192. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

Sample specific QC was performed in association with sample SO-TC-113A-111319 (ARI 19K0192-01) in analytical batch BHK0430. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

Sample specific QC was performed in association with sample SO-TC-113A-111319 (ARI 19K0192-01) in analytical batch BHK0380. The duplicate RPD and matrix spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19K0192

Cooler#: Ø	Temperature(°C): 22.0	
Sample ID	**Bottle Count**	**Bottle Type**
Samples received above 6°C		

Cooler#:	Temperature(°C):	
Sample ID	**Bottle Count**	**Bottle Type**

Cooler#:	Temperature(°C):	
Sample ID	**Bottle Count**	**Bottle Type**

Cooler#:	Temperature(°C):	
Sample ID	**Bottle Count**	**Bottle Type**

Completed by: KD Date: 11/13/19 Time: 1610

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 19K0192
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1610 — 22.0

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: D00520(

Cooler Accepted by: KD Date: 11/13/19 Time: 1610

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap (Wet Ice) Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: KD Date: 11/13/19 Time: 1633 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Nov-2019 09:33

SO-TC-113A-111319

19K0192-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/13/2019 09:10

Instrument: ICP2 Analyst: TCH — Analyzed: 11/15/2019 13:41

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19K0192-01 A 02

Preparation Batch: BHK0380 — Sample Size: 25 mL (wet)

Prepared: 15-Nov-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.197**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**26.8**	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Nov-2019 09:33

SO-TC-113A-111319

19K0192-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/13/2019 09:10

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 11/17/2019 23:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19K0192-01 A

Preparation Batch: BHK0430 Sample Size: 20 g (wet)

Prepared: 17-Nov-2019 Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.08**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Nov-2019 09:33

SO-TC-113B-111319

19K0192-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/13/2019 09:20

Instrument: ICP2 Analyst: TCH — Analyzed: 11/15/2019 13:27

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19K0192-02 A 02

Preparation Batch: BHK0380 — Sample Size: 25 mL (wet)

Prepared: 15-Nov-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.635**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**2.89**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Nov-2019 09:33

SO-TC-113B-111319

19K0192-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/13/2019 09:20

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 11/17/2019 23:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19K0192-02 A

Preparation Batch: BHK0430 — Sample Size: 20 g (wet)

Prepared: 17-Nov-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.29**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Nov-2019 09:33

SO-TC-113C-111319

19K0192-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/13/2019 09:30

Instrument: ICP2 Analyst: TCH — Analyzed: 11/15/2019 13:31

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19K0192-03 A 02

Preparation Batch: BHK0380 — Sample Size: 25 mL (wet)

Prepared: 15-Nov-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.354**	mg/L	
Lead	7439-92-1	5	0.0065	0.100	**1.45**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Nov-2019 09:33

SO-TC-113C-111319

19K0192-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/13/2019 09:30

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 11/17/2019 23:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19K0192-03 A

Preparation Batch: BHK0430 — Sample Size: 20 g (wet)

Prepared: 17-Nov-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.57**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Nov-2019 09:33

TCLP Metals and Metallic Compounds - Quality Control

Batch BHK0380 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHK0380-BLK1)				Prepared: 15-Nov-2019 Analyzed: 15-Nov-2019 13:22							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BHK0380-DUP1)		**Source: 19K0192-01**		Prepared: 15-Nov-2019 Analyzed: 15-Nov-2019 13:36							
Arsenic	0.200	0.0140	0.250	mg/L		0.197			1.82	20	J
Lead	26.5	0.0065	0.100	mg/L		26.8			1.10	20	
Matrix Spike (BHK0380-MS1)		**Source: 19K0192-01**		Prepared: 15-Nov-2019 Analyzed: 15-Nov-2019 13:45							
Arsenic	4.68	0.0140	0.250	mg/L	4.00	0.197	112	75-125			
Lead	32.1	0.0065	0.100	mg/L	4.00	26.8	131	75-125			HC

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Nov-2019 09:33

Wet Chemistry - Quality Control

Batch BHK0430 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHK0430-BS1)				Prepared: 17-Nov-2019 Analyzed: 17-Nov-2019 23:04							
pH	7.03	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BHK0430-DUP1)		**Source: 19K0192-01**		Prepared: 17-Nov-2019 Analyzed: 17-Nov-2019 23:04							
pH	8.11	0.01	0.01	pH Units		8.08			0.37	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Nov-2019 09:33

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	20-Nov-2019 09:33

Notes and Definitions

D	The reported value is from a dilution
HC	The natural concentration of the spiked analyte is so much greater than the concentration spiked that an accurate determination of spike recovery is not possible
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

27 November 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19K0333	N/A

Susan Dunnihoo

Digitally signed by Susan Dunnihoo
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Susan Dunnihoo, email=sue.dunnihoo@arilabs.com
Date: 2019.11.27 13:24:56 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19K0333	Turn-around Requested: 3 Day	Date: 11/21/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 0	Cooler Temps: 14.5
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-114A-112119	11/21/19	13:00	Soil	1	✔	✔	
SO-TC-114B-112119	11/21/19	13:15	Soil	1	✔	✔	
SO-TC-114C-112119	11/21/19	13:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Kenny Dang	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/21/19 14:15	Date & Time: 11/21/19 1415	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2019 13:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-114A-112119	19K0333-01	Solid	21-Nov-2019 13:00	21-Nov-2019 14:15
SO-TC-114B-112119	19K0333-02	Solid	21-Nov-2019 13:15	21-Nov-2019 14:15
SO-TC-114C-112119	19K0333-03	Solid	21-Nov-2019 13:30	21-Nov-2019 14:15

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2019 13:22

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 19K0333

Sample receipt

Samples as listed on the preceding page were received November 21, 2019 under ARI work order 19K0333. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon plastics
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 19K0333
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1415 — 14.5

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: D00520G

Cooler Accepted by: KO Date: 11/21/19 Time: 1415

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 11/21/19 Time: 1440 Labels checked by: GJG

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19K0333

Cooler#: Ø **Temperature(°C):** 14.5

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: KO Date: 11/21/19 Time: 1415

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2019 13:22

SO-TC-114A-112119

19K0333-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/21/2019 13:00

Instrument: ICP2 Analyst: TCH — Analyzed: 11/26/2019 14:46

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19K0333-01 A 02

Preparation Batch: BHK0721 — Sample Size: 25 mL (wet)

Prepared: 26-Nov-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.120**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0164**	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2019 13:22

SO-TC-114A-112119

19K0333-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/21/2019 13:00

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 11/24/2019 22:33

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19K0333-01 A

Preparation Batch: BHK0669 — Sample Size: 20 g (wet)

Prepared: 24-Nov-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.32**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2019 13:22

SO-TC-114B-112119

19K0333-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/21/2019 13:15

Instrument: ICP2 Analyst: TCH — Analyzed: 11/26/2019 14:51

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19K0333-02 A 02

Preparation Batch: BHK0721 — Sample Size: 25 mL (wet)

Prepared: 26-Nov-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0978**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0074**	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2019 13:22

SO-TC-114B-112119

19K0333-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/21/2019 13:15

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 11/24/2019 22:33

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19K0333-02 A

Preparation Batch: BHK0669 — Sample Size: 20 g (wet)

Prepared: 24-Nov-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.09**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2019 13:22

SO-TC-114C-112119

19K0333-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/21/2019 13:30

Instrument: ICP2 Analyst: TCH — Analyzed: 11/26/2019 14:55

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19K0333-03 A 02

Preparation Batch: BHK0721 — Sample Size: 25 mL (wet)

Prepared: 26-Nov-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.107**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0117**	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2019 13:22

SO-TC-114C-112119

19K0333-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/21/2019 13:30

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 11/24/2019 22:33

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19K0333-03 A

Preparation Batch: BHK0669 — Sample Size: 20 g (wet)

Prepared: 24-Nov-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.79**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2019 13:22

TCLP Metals and Metallic Compounds - Quality Control

Batch BHK0721 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHK0721-BLK1)					Prepared: 26-Nov-2019 Analyzed: 26-Nov-2019 15:14						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2019 13:22

Wet Chemistry - Quality Control

Batch BHK0669 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHK0669-BS1)				Prepared: 24-Nov-2019 Analyzed: 24-Nov-2019 22:33							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BHK0669-DUP1)		**Source: 19K0333-01**		Prepared: 24-Nov-2019 Analyzed: 24-Nov-2019 22:33							
pH	9.36	0.01	0.01	pH Units		9.32			0.43	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Nov-2019 13:22

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	27-Nov-2019 13:22

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

04 December 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19K0411	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.12.04 12:21:23 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19K0411	Turn-around Requested: 3 Day	Date: 11/26/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 11.8°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-115A-112619	11/26/19	14:15	Soil	1	✔	✔	
SO-TC-115B-112619	11/26/19	14:30	Soil	1	✔	✔	
SO-TC-115C-112619	11/26/19	14:45	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/26/2019 16:22	Date & Time: 11/26/19 1622	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2019 12:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-115A-112619	19K0411-01	Solid	26-Nov-2019 14:15	26-Nov-2019 16:22
SO-TC-115B-112619	19K0411-02	Solid	26-Nov-2019 14:30	26-Nov-2019 16:22
SO-TC-115C-112619	19K0411-03	Solid	26-Nov-2019 14:45	26-Nov-2019 16:22

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2019 12:16

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 19K0411

Sample receipt

Samples as listed on the preceding page were received November 26, 2019 under ARI work order 19K0411. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

Sample specific QC was performed in association with sample 19K0411-01 in batch BHL0001. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 19K0411

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1622 11.8°C

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00 5206

Cooler Accepted by: JGL Date: 11/26/19 Time: 1622

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES (NO)

How were bottles sealed in plastic bags? Individually (Grouped) Not

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA) _____

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: KD Date: 11/26/19 Time: 1713 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19K0411

Cooler#: _____ Temperature(°C): 11.8°C

Sample ID	Bottle Count	Bottle Type
Samples received on ice 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 11/26/19 Time: 1622

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2019 12:16

SO-TC-115A-112619

19K0411-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/26/2019 14:15

Instrument: ICP2 Analyst: TCH — Analyzed: 12/03/2019 16:31

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19K0411-01 A 02

Preparation Batch: BHL0031 — Sample Size: 25 mL (wet)

Prepared: 03-Dec-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.125**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0084**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2019 12:16

SO-TC-115A-112619

19K0411-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/26/2019 14:15

Instrument: Accumet AB150 Analyst: UW — Analyzed: 12/01/2019 19:58

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19K0411-01 A

Preparation Batch: BHL0001 — Sample Size: 20 g (wet)

Prepared: 01-Dec-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.17**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2019 12:16

SO-TC-115B-112619

19K0411-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/26/2019 14:30

Instrument: ICP2 Analyst: TCH — Analyzed: 12/03/2019 16:35

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19K0411-02 A 02

Preparation Batch: BHL0031 — Sample Size: 25 mL (wet)

Prepared: 03-Dec-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.106**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0234**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2019 12:16

SO-TC-115B-112619

19K0411-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/26/2019 14:30

Instrument: Accumet AB150 Analyst: UW — Analyzed: 12/01/2019 19:58

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19K0411-02 A

Preparation Batch: BHL0001 — Sample Size: 20 g (wet)

Prepared: 01-Dec-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.15**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2019 12:16

SO-TC-115C-112619

19K0411-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/26/2019 14:45

Instrument: ICP2 Analyst: TCH — Analyzed: 12/03/2019 16:40

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19K0411-03 A 02

Preparation Batch: BHL0031 — Sample Size: 25 mL (wet)

Prepared: 03-Dec-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0917**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2019 12:16

SO-TC-115C-112619

19K0411-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/26/2019 14:45

Instrument: Accumet AB150 Analyst: UW — Analyzed: 12/01/2019 19:58

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19K0411-03 A

Preparation Batch: BHL0001 — Sample Size: 20 g (wet)

Prepared: 01-Dec-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.22**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
04-Dec-2019 12:16

TCLP Metals and Metallic Compounds - Quality Control

Batch BHL0031 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHL0031-BLK1)					Prepared: 03-Dec-2019 Analyzed: 03-Dec-2019 16:26						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2019 12:16

Wet Chemistry - Quality Control

Batch BHL0001 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHL0001-BS1)				Prepared: 01-Dec-2019 Analyzed: 01-Dec-2019 19:58							
pH	6.96	0.01	0.01	pH Units	7.00		99.4	99.2-100.8			
Duplicate (BHL0001-DUP1)		**Source: 19K0411-01**		Prepared: 01-Dec-2019 Analyzed: 01-Dec-2019 19:58							
pH	9.22	0.01	0.01	pH Units		9.17			0.54	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2019 12:16

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	04-Dec-2019 12:16

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

10 December 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19L0058	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.12.10 11:51:14 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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Accredited in accordance with nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19L0058	Turn-around Requested: 3 Day	Date: 12/4/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 16.8
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-116A-120419	12/04/19	11:15	Soil	1	✔	✔							
SO-TC-116B-120419	12/04/19	11:30	Soil	1	✔	✔							
SO-TC-116C-120419	12/04/19	11:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Jeff King	Printed Name: Erin Scalf	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 12/4/2019 4:08P	Date & Time: 12/4/19 1608	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Dec-2019 11:48

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-116A-120419	19L0058-01	Solid	04-Dec-2019 11:15	04-Dec-2019 16:08
SO-TC-116B-120419	19L0058-02	Solid	04-Dec-2019 11:30	04-Dec-2019 16:08
SO-TC-116C-120419	19L0058-03	Solid	04-Dec-2019 11:45	04-Dec-2019 16:08

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Dec-2019 11:48

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 19L0058

Sample receipt

Samples as listed on the preceding page were received 04-Dec-2019 16:08 under ARI work order 19L0058. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

Sample specific QC was performed in association with sample 19L.058-01 in batch BHL0195. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS percent recoveries were within control limits.

Sample specific QC was run in association with sample 19L0058-01 in batch BHL0148. The duplicate RPD and matrix spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 19L0058 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time _____ 16.8 _____ _____ _____ _____ _____

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 2565

Cooler Accepted by: _____ Date: 12/4/19 Time: 1608

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI...	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: _____ Date: 12/4/19 Time: 1640 Labels checked by: CJS

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19L0058

Cooler#: _____ **Temperature(°C):** 16.8

Sample ID	Bottle Count	Bottle Type
Samples above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 12/4/19 Time: 1605

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Dec-2019 11:48

SO-TC-116A-120419

19L0058-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 12/04/2019 11:15

Instrument: ICP2 Analyst: MCB — Analyzed: 12/09/2019 12:41

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19L0058-01 A 02

Preparation Batch: BHL0148 — Sample Size: 25 mL (wet)

Prepared: 06-Dec-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0551**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0103**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Dec-2019 11:48

SO-TC-116A-120419

19L0058-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 12/04/2019 11:15

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 12/08/2019 22:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19L0058-01 A

Preparation Batch: BHL0195 — Sample Size: 20.07 g (wet)

Prepared: 08-Dec-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.13**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Dec-2019 11:48

SO-TC-116B-120419

19L0058-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 12/04/2019 11:30

Instrument: ICP2 Analyst: MCB — Analyzed: 12/09/2019 12:04

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19L0058-02 A 02

Preparation Batch: BHL0148 — Sample Size: 25 mL (wet)

Prepared: 06-Dec-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0610**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0100**	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Dec-2019 11:48

SO-TC-116B-120419

19L0058-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 12/04/2019 11:30

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 12/08/2019 22:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19L0058-02 A

Preparation Batch: BHL0195 — Sample Size: 20.16 g (wet)

Prepared: 08-Dec-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.96**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Dec-2019 11:48

SO-TC-116C-120419

19L0058-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 12/04/2019 11:45

Instrument: ICP2 Analyst: MCB — Analyzed: 12/09/2019 12:09

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19L0058-03 A 02

Preparation Batch: BHL0148 — Sample Size: 25 mL (wet)

Prepared: 06-Dec-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.101**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0091**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Dec-2019 11:48

SO-TC-116C-120419

19L0058-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 12/04/2019 11:45

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 12/08/2019 22:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19L0058-03 A

Preparation Batch: BHL0195 — Sample Size: 20.18 g (wet)

Prepared: 08-Dec-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.24**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
10-Dec-2019 11:48

TCLP Metals and Metallic Compounds - Quality Control

Batch BHL0148 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHL0148-BLK1)				Prepared: 06-Dec-2019 Analyzed: 09-Dec-2019 11:46							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0096	0.0065	0.100	mg/L							J
Duplicate (BHL0148-DUP1)		**Source: 19L0058-01**		Prepared: 06-Dec-2019 Analyzed: 09-Dec-2019 12:37							
Arsenic	0.0726	0.0140	0.250	mg/L		0.0551			27.30	20	L, J
Lead	0.0131	0.0065	0.100	mg/L		0.0103			24.30	20	L, J
Matrix Spike (BHL0148-MS1)		**Source: 19L0058-01**		Prepared: 06-Dec-2019 Analyzed: 09-Dec-2019 12:46							
Arsenic	4.44	0.0140	0.250	mg/L	4.00	0.0551	110	75-125			
Lead	4.20	0.0065	0.100	mg/L	4.00	0.0103	105	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Dec-2019 11:48

Wet Chemistry - Quality Control

Batch BHL0195 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHL0195-BS1)				Prepared: 08-Dec-2019 Analyzed: 08-Dec-2019 22:38							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BHL0195-DUP1)		**Source: 19L0058-01**		Prepared: 08-Dec-2019 Analyzed: 08-Dec-2019 22:38							
pH	9.18	0.01	0.01	pH Units		9.13			0.55	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Dec-2019 11:48

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	10-Dec-2019 11:48

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

13 December 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19L0139	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.12.13 14:44:54 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 191013A	Turn-around Requested: 3 Day	Date: 12/9/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 17.4
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-117A-120919	12/09/19	15:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Erin Sollo	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 12/9/2019 16:38	Date & Time: 12/9/19 1638	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Dec-2019 14:36

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-117A-120919	19L0139-01	Solid	09-Dec-2019 15:30	09-Dec-2019 16:38

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Dec-2019 14:36

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 19L0139

Sample receipt

One sample as listed on the preceding page was received December 9, 2019 under ARI work order 19L0139. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

Sample specific QC was performed in association with sample 19L0139-01 in batch BHL0290. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 1912039 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time _____ 17.9 _____ _____ _____ _____ _____ _____

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00520G

Cooler Accepted by: _____ Date: 12/9/19 Time: 1638

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: _____ Date: 12/9/19 Time: 1710 Labels checked by: GJS

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: PLC139

Cooler#: _____ Temperature(°C): 17.9

Sample ID	Bottle Count	Bottle Type
Samples above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 12/9/19 Time: 1638

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Dec-2019 14:36

SO-TC-117A-120919

19L0139-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 12/09/2019 15:30

Instrument: ICP2 Analyst: TCH — Analyzed: 12/13/2019 10:50

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19L0139-01 A 03

Preparation Batch: BHL0284 — Sample Size: 25 mL (wet)

Prepared: 11-Dec-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0547**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0125**	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Dec-2019 14:36

SO-TC-117A-120919

19L0139-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 12/09/2019 15:30

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 12/11/2019 11:30

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 19L0139-01 A 02

Preparation Batch: BHL0290 — Sample Size: 20.41 g (wet)

Prepared: 11-Dec-2019 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.37**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Dec-2019 14:36

TCLP Metals and Metallic Compounds - Quality Control

Batch BHL0284 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHL0284-BLK1)					Prepared: 11-Dec-2019 Analyzed: 13-Dec-2019 10:41						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Dec-2019 14:36

Wet Chemistry - Quality Control

Batch BHL0290 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHL0290-BS1)				Prepared: 11-Dec-2019 Analyzed: 11-Dec-2019 11:30							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			
Duplicate (BHL0290-DUP1)		**Source: 19L0139-01**		Prepared: 11-Dec-2019 Analyzed: 11-Dec-2019 11:30							
pH	9.41	0.009	0.009	pH Units		9.37			0.43	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Dec-2019 14:36

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	13-Dec-2019 14:36

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

17 December 2019

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
19L0175	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2019.12.17 15:00:45 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 19L0175	Turn-around Requested: 3 Day	Date: 12/11/2019	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 19.3°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
					Analysis Requested								
SO-TC-117B-121119	12/11/19	10:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Sawbrulte	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 12/11/2019 11:35	Date & Time: 12/11/19 1135	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Dec-2019 14:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-117B-121119	19L0175-01	Solid	11-Dec-2019 10:30	11-Dec-2019 11:35

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Dec-2019 14:59

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 19L0175

Sample receipt

One sample as listed on the preceding page was received December 11, 2019 under ARI work order 19L0175. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

Sample specific QC was performed in association with sample 19L0175-01 in batch BHL0363. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.
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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 19L0175 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1135 19.3°C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DOO 5006

Cooler Accepted by: JS Date: 12/11/19 Time: 1135

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:

Was sufficient ice used (if appropriate)? NA YES NO

How were bottles sealed in plastic bags? Individually Grouped Not

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI NA

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: JS Date: 12/11/19 Time: 1150 Labels checked by: GS

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 19L0175

Cooler#: _____ **Temperature(°C):** 1.3°C

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 12/11/19 Time: 1135

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Dec-2019 14:59

SO-TC-117B-121119

19L0175-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 12/11/2019 10:30

Instrument: ICP2 Analyst: TCH — Analyzed: 12/16/2019 15:39

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 19L0175-01 A 02

Preparation Batch: BHL0374 — Sample Size: 25 mL (wet)

Prepared: 13-Dec-2019 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0316**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Dec-2019 14:59

SO-TC-117B-121119

19L0175-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 12/11/2019 10:30

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 12/12/2019 20:22

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 19L0175-01 A

Preparation Batch: BHL0363 — Sample Size: 20.01 g (wet)

Prepared: 12-Dec-2019 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**4.99**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
17-Dec-2019 14:59

TCLP Metals and Metallic Compounds - Quality Control

Batch BHL0374 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BHL0374-BLK1)					Prepared: 13-Dec-2019 Analyzed: 16-Dec-2019 15:35						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
17-Dec-2019 14:59

Wet Chemistry - Quality Control

Batch BHL0363 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BHL0363-BS1)				Prepared: 12-Dec-2019 Analyzed: 12-Dec-2019 20:22							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BHL0363-DUP1)		**Source: 19L0175-01**		Prepared: 12-Dec-2019 Analyzed: 12-Dec-2019 20:22							
pH	5.03	0.01	0.01	pH Units		4.99			0.80	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Dec-2019 14:59

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	17-Dec-2019 14:59

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

12 February 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20A0364	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.02.12 14:40:31 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20A0364	Turn-around Requested: 10 Day	Date: 1/28/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 6 0
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-118A-012820	01/28/20	10:30	Soil	1	✔	✔	
SO-TC-118B-012820	01/28/20	10:40	Soil	1	✔	✔	
SO-TC-118C-012820	01/28/20	10:50	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
	(Signature) Kenny King	(Signature)	(Signature)	(Signature)
	Printed Name: Kenny King	Printed Name: Erin Sulle	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 1/28/2020 16:39	Date & Time: 1/28/2020 1639	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Feb-2020 14:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-118A-012820	20A0364-01	Solid	28-Jan-2020 10:30	28-Jan-2020 16:39
SO-TC-118B-012820	20A0364-02	Solid	28-Jan-2020 10:40	28-Jan-2020 16:39
SO-TC-118C-012820	20A0364-03	Solid	28-Jan-2020 10:50	28-Jan-2020 16:39

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Feb-2020 14:37

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20A0364

Sample receipt

Samples as listed on the preceding page were received 28-Jan-2020 16:39 under ARI work order 20A0364. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20A0364-01 in batch BIB0148. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superdon Plastics

COC No(s): _____ NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 20A0364

Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

6.0

Time _____

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00256

Cooler Accepted by: _____ Date: 1/28/2020 Time: 1639

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: _____ Date: 1/28/2020 Time: 1649 Labels checked by: _____

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Feb-2020 14:37

SO-TC-118A-012820

20A0364-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 01/28/2020 10:30

Instrument: ICP2 Analyst: TCH — Analyzed: 02/05/2020 11:29

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20A0364-01 A 02

Preparation Batch: BIB0036 — Sample Size: 25 mL (wet)

Prepared: 02/04/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0207**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Feb-2020 14:37

SO-TC-118A-012820

20A0364-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 01/28/2020 10:30

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 02/06/2020 20:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20A0364-01 A

Preparation Batch: BIB0148 — Sample Size: 20.01 g (wet)

Prepared: 02/06/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.20**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Feb-2020 14:37

SO-TC-118B-012820

20A0364-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 01/28/2020 10:40

Instrument: ICP2 Analyst: TCH — Analyzed: 02/05/2020 11:34

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20A0364-02 A 02

Preparation Batch: BIB0036 — Sample Size: 25 mL (wet)

Prepared: 02/04/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0272**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Feb-2020 14:37

SO-TC-118B-012820

20A0364-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 01/28/2020 10:40

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 02/06/2020 20:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20A0364-02 A

Preparation Batch: BIB0148 — Sample Size: 20.05 g (wet)

Prepared: 02/06/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.39**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Feb-2020 14:37

SO-TC-118C-012820

20A0364-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 01/28/2020 10:50

Instrument: ICP2 Analyst: TCH — Analyzed: 02/05/2020 11:38

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20A0364-03 A 02

Preparation Batch: BIB0036 — Sample Size: 25 mL (wet)

Prepared: 02/04/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0739**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0130**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Feb-2020 14:37

SO-TC-118C-012820

20A0364-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 01/28/2020 10:50

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 02/06/2020 20:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20A0364-03 A

Preparation Batch: BIB0148 — Sample Size: 20.18 g (wet)

Prepared: 02/06/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.48**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
12-Feb-2020 14:37

TCLP Metals and Metallic Compounds - Quality Control

Batch BIB0036 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIB0036-BLK1)					Prepared: 04-Feb-2020 Analyzed: 05-Feb-2020 11:25						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
12-Feb-2020 14:37

Wet Chemistry - Quality Control

Batch BIB0148 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIB0148-BS1)				Prepared: 06-Feb-2020 Analyzed: 06-Feb-2020 20:18							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			
Duplicate (BIB0148-DUP1)		**Source: 20A0364-01**		Prepared: 06-Feb-2020 Analyzed: 06-Feb-2020 20:18							
pH	8.16	0.01	0.01	pH Units		8.20			0.49	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Feb-2020 14:37

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Feb-2020 14:37

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

03 March 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20B0307	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.03.03 13:29:56 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20B0307	Turn-around Requested: 3 Day	Date: 2/26/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 15.2°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-119A-022620	02/26/20	11:15	Soil	1	✔	✔	
SO-TC-119B-022620	02/26/20	11:25	Soil	1	✔	✔	
SO-TC-119C-022620	02/26/20	11:35	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 2/26/2020 12:43	Date & Time: 02/26/2020 1243	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Mar-2020 13:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-119A-022620	20B0307-01	Solid	26-Feb-2020 11:15	26-Feb-2020 12:43
SO-TC-119B-022620	20B0307-02	Solid	26-Feb-2020 11:25	26-Feb-2020 12:43
SO-TC-119C-022620	20B0307-03	Solid	26-Feb-2020 11:35	26-Feb-2020 12:43

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Mar-2020 13:25

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20B0307

Sample receipt

Samples as listed on the preceding page were received 26-Feb-2020 12:43 under ARI work order 20B0307. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 20B0307
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1243 15.2C

If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: DOO 5006

Cooler Accepted by: JS Date: 02/26/2020 Time: 1243

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 2/26/2020 Time: 1258 Labels checked by: WS

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20B0307

Cooler#: _____ **Temperature(°C):** 15.2 C

Sample ID	Bottle Count	Bottle Type
Samples received at/are 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JSm Date: 02/26/2020 Time: 1343

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Mar-2020 13:25

SO-TC-119A-022620

20B0307-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 02/26/2020 11:15

Instrument: ICP2 Analyst: TCH — Analyzed: 03/02/2020 12:15

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20B0307-01 A 02

Preparation Batch: BIB0631 — Sample Size: 25 mL (wet)

Prepared: 02/28/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0317**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Mar-2020 13:25

SO-TC-119A-022620

20B0307-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 02/26/2020 11:15

Instrument: Accumet AB150 Analyst: JM — Analyzed: 02/28/2020 14:25

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20B0307-01 A

Preparation Batch: BIB0643 — Sample Size: 20.11 g (wet)

Prepared: 02/28/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.57**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Mar-2020 13:25

SO-TC-119B-022620

20B0307-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 02/26/2020 11:25

Instrument: ICP2 Analyst: TCH — Analyzed: 03/02/2020 12:19

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20B0307-02 A 02

Preparation Batch: BIB0631 — Sample Size: 25 mL (wet)

Prepared: 02/28/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0341**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Mar-2020 13:25

SO-TC-119B-022620

20B0307-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 02/26/2020 11:25

Instrument: Accumet AB150 Analyst: JM — Analyzed: 02/28/2020 14:25

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20B0307-02 A

Preparation Batch: BIB0643 — Sample Size: 21.1514 g (wet)

Prepared: 02/28/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	**9.49**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Mar-2020 13:25

SO-TC-119C-022620

20B0307-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 02/26/2020 11:35

Instrument: ICP2 Analyst: TCH — Analyzed: 03/02/2020 12:24

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20B0307-03 A 02

Preparation Batch: BIB0631 — Sample Size: 25 mL (wet)

Prepared: 02/28/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0433**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Mar-2020 13:25

SO-TC-119C-022620

20B0307-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 02/26/2020 11:35

Instrument: Accumet AB150 Analyst: JM — Analyzed: 02/28/2020 14:25

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20B0307-03 A

Preparation Batch: BIB0643 — Sample Size: 20.9256 g (wet)

Prepared: 02/28/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.55**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
03-Mar-2020 13:25

TCLP Metals and Metallic Compounds - Quality Control

Batch BIB0631 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIB0631-BLK1)					Prepared: 28-Feb-2020 Analyzed: 02-Mar-2020 12:10						
Arsenic	0.0222	0.0140	0.250	mg/L							J
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Mar-2020 13:25

Wet Chemistry - Quality Control

Batch BIB0643 - EPA 9045D

Instrument: Accumet AB150 Analyst: JM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIB0643-BS1)				Prepared: 28-Feb-2020 Analyzed: 28-Feb-2020 14:25							
pH	6.95	0.01	0.01	pH Units	7.00		99.3	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Mar-2020 13:25

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Mar-2020 13:25

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

23 March 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20C0201	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.03.23 12:29:20 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20C0201	Turn-around Requested: 3 days	Date: 3/16/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 20.9°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-121A-031620	03/16/20	11:30	Soil	1	✔	✔	
SO-TC-121B-031620	03/16/20	11:45	Soil	1	✔	✔	
SO-TC-121C-031620	03/16/20	12:00	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 3/16/20 16:40	Date & Time: 03/16/2020 1640	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Mar-2020 12:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-121A-031620	20C0201-01	Solid	16-Mar-2020 11:30	16-Mar-2020 16:40
SO-TC-121B-031620	20C0201-02	Solid	16-Mar-2020 11:45	16-Mar-2020 16:40
SO-TC-121C-031620	20C0201-03	Solid	16-Mar-2020 12:00	16-Mar-2020 16:40

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Mar-2020 12:23

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20C0201

Sample receipt

Samples as listed on the preceding page were received 16-Mar-2020 16:40 under ARI work order 20C0201. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20C0201-01 in batch BIC0379. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20C0201 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1640 20.9°C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00,5206

Cooler Accepted by: JSm Date: 03/16/2020 Time: 1640

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:

Was sufficient ice used (if appropriate)? NA YES NO

How were bottles sealed in plastic bags? Individually Grouped Not

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ... NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI NA

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: JSm Date: 03/16/2020 Time: 1646 Labels checked by: JSm

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20C0201

Cooler#: _____ **Temperature(°C):** 20.9°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 03/16/2020 Time: 1640

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Mar-2020 12:23

SO-TC-121A-031620

20C0201-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 03/16/2020 11:30

Instrument: ICP2 Analyst: SKM — Analyzed: 03/19/2020 13:05

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20C0201-01 A 02

Preparation Batch: BIC0362 — Sample Size: 25 mL (wet)

Prepared: 03/18/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.102**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**54.9**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Mar-2020 12:23

SO-TC-121A-031620

20C0201-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/16/2020 11:30

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 03/18/2020 19:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20C0201-01 A

Preparation Batch: BIC0379 — Sample Size: 20.03 g (wet)

Prepared: 03/18/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.05**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Mar-2020 12:23

SO-TC-121B-031620

20C0201-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 03/16/2020 11:45

Instrument: ICP2 Analyst: SKM — Analyzed: 03/19/2020 13:58

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20C0201-02 A 02

Preparation Batch: BIC0362 — Sample Size: 25 mL (wet)

Prepared: 03/18/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.113**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0837**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Mar-2020 12:23

SO-TC-121B-031620

20C0201-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/16/2020 11:45

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 03/18/2020 19:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20C0201-02 A

Preparation Batch: BIC0379 — Sample Size: 20.11 g (wet)

Prepared: 03/18/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.48**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Mar-2020 12:23

SO-TC-121C-031620

20C0201-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 03/16/2020 12:00

Instrument: ICP2 Analyst: SKM — Analyzed: 03/19/2020 14:03

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20C0201-03 A 02

Preparation Batch: BIC0362 — Sample Size: 25 mL (wet)

Prepared: 03/18/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.105**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0683**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Mar-2020 12:23

SO-TC-121C-031620

20C0201-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/16/2020 12:00

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 03/18/2020 19:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20C0201-03 A

Preparation Batch: BIC0379 — Sample Size: 20.02 g (wet)

Prepared: 03/18/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.55**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
23-Mar-2020 12:23

TCLP Metals and Metallic Compounds - Quality Control

Batch BIC0362 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIC0362-BLK1)					Prepared: 18-Mar-2020 Analyzed: 19-Mar-2020 13:00						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Mar-2020 12:23

Wet Chemistry - Quality Control

Batch BIC0379 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIC0379-BS1)				Prepared: 18-Mar-2020 Analyzed: 18-Mar-2020 19:02							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			
Duplicate (BIC0379-DUP1)		**Source: 20C0201-01**		Prepared: 18-Mar-2020 Analyzed: 18-Mar-2020 19:02							
pH	9.00	0.01	0.01	pH Units		9.05			0.55	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Mar-2020 12:23

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	23-Mar-2020 12:23

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

23 March 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20C0212	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.03.23 12:37:31 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20C0212	Turn-around Requested: 3 days	Date: 3/17/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: 1 of 1	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: AMB
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-122A-031720	03/17/20	12:50	Soil	1	✔	✔	
SO-TC-122B-031720	03/17/20	13:00	Soil	1	✔	✔	
SO-TC-122C-031720	03/17/20	13:10	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: S Dunnihoo	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 3/17/20 16:39	Date & Time: 03/17/2020 1639	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Mar-2020 12:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-122A-031720	20C0212-01	Solid	17-Mar-2020 12:50	17-Mar-2020 16:39
SO-TC-122B-031720	20C0212-02	Solid	17-Mar-2020 13:00	17-Mar-2020 16:39
SO-TC-122C-031720	20C0212-03	Solid	17-Mar-2020 13:10	17-Mar-2020 16:39

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Mar-2020 12:35

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20C0212

Sample receipt

Samples as listed on the preceding page were received 17-Mar-2020 16:39 under ARI work order 20C0212. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

Sample specific QC was performed in association with sample 20C0212-01 in batch BIC0392. The duplicate RPD and matrix spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 20C0212
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time	1639	21.4					
If cooler temperature is out of compliance fill out form 00070F						Temp Gun ID#:	D00520G

Cooler Accepted by: KD for SD Date: 3/17/2020 Time: 1639

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	(Bubble Wrap) Wet Ice Gel Packs (Baggies) Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI.	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: KD Date: 3/17/2020 Time: 1648 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Mar-2020 12:35

SO-TC-122A-031720

20C0212-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 03/17/2020 12:50

Instrument: ICP2 Analyst: SKM — Analyzed: 03/20/2020 14:30

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20C0212-01 A 02

Preparation Batch: BIC0392 — Sample Size: 25 mL (wet)

Prepared: 03/19/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0856**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0105**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Mar-2020 12:35

SO-TC-122A-031720

20C0212-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/17/2020 12:50

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 03/18/2020 19:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20C0212-01 A

Preparation Batch: BIC0379 — Sample Size: 20.07 g (wet)

Prepared: 03/18/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.90**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Mar-2020 12:35

SO-TC-122B-031720

20C0212-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 03/17/2020 13:00

Instrument: ICP2 Analyst: SKM — Analyzed: 03/20/2020 14:16

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20C0212-02 A 02

Preparation Batch: BIC0392 — Sample Size: 25 mL (wet)

Prepared: 03/19/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.124**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Mar-2020 12:35

SO-TC-122B-031720

20C0212-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/17/2020 13:00

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 03/18/2020 19:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20C0212-02 A

Preparation Batch: BIC0379 — Sample Size: 20.16 g (wet)

Prepared: 03/18/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.96**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Mar-2020 12:35

SO-TC-122C-031720

20C0212-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 03/17/2020 13:10

Instrument: ICP2 Analyst: SKM — Analyzed: 03/20/2020 14:21

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20C0212-03 A 02

Preparation Batch: BIC0392 — Sample Size: 25 mL (wet)

Prepared: 03/19/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.107**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0089**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Mar-2020 12:35

SO-TC-122C-031720

20C0212-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/17/2020 13:10

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 03/18/2020 19:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20C0212-03 A

Preparation Batch: BIC0379 — Sample Size: 20.03 g (wet)

Prepared: 03/18/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.82**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Mar-2020 12:35

TCLP Metals and Metallic Compounds - Quality Control

Batch BIC0392 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIC0392-BLK1)				Prepared: 19-Mar-2020 Analyzed: 20-Mar-2020 14:12							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BIC0392-DUP1)		**Source: 20C0212-01**		Prepared: 19-Mar-2020 Analyzed: 20-Mar-2020 14:25							
Arsenic	0.0784	0.0140	0.250	mg/L		0.0856			8.77	20	J
Lead	0.0073	0.0065	0.100	mg/L		0.0105			36.00	20	L, J
Matrix Spike (BIC0392-MS1)		**Source: 20C0212-01**		Prepared: 19-Mar-2020 Analyzed: 20-Mar-2020 14:35							
Arsenic	4.19	0.0140	0.250	mg/L	4.00	0.0856	103	75-125			
Lead	3.88	0.0065	0.100	mg/L	4.00	0.0105	96.8	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
23-Mar-2020 12:35

Wet Chemistry - Quality Control

Batch BIC0379 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIC0379-BS1)				Prepared: 18-Mar-2020 Analyzed: 18-Mar-2020 19:02							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Mar-2020 12:35

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	23-Mar-2020 12:35

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

01 April 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20C0307	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.04.01 15:07:48 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20C0307	Turn-around Requested: 5 days	Date: 3/24/2020	
ARI Client Company: PERC	Phone: 425-238-2212	Page: of	
Client Contact: Jeff King		No of Coolers: 1	Cooler Temps: 19.6°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-123A-032420	03/24/20	07:32	Soil	1	✔	✔	
SO-TC-123B-032420	03/24/20	07:38	Soil	1	✔	✔	
SO-TC-123C-032420	03/24/20	07:42	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by (Signature)	Received by (Signature)
	Printed Name: JEFF KING	Printed Name: Jamboree Ltr	Printed Name	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 3/24/2020 4:10	Date & Time: 03/24/2020 1610	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and t

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2020 15:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-123A-032420	20C0307-01	Solid	24-Mar-2020 07:32	24-Mar-2020 16:10
SO-TC-123B-032420	20C0307-02	Solid	24-Mar-2020 07:38	24-Mar-2020 16:10
SO-TC-123C-032420	20C0307-03	Solid	24-Mar-2020 07:42	24-Mar-2020 16:10

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2020 15:00

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20C0307

Sample receipt

Samples as listed on the preceding page were received 24-Mar-2020 16:10 under ARI work order 20C0307. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

Sample specific QC was performed in association with sample 20C0307-01 in batch BIC0591. The duplicate RPD and matrix spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20C0307

Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-8.0 °C for chemistry) 19.6C

Time: 1610

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: DOQ 5206

Cooler Accepted by: JM Date: 03/24/2020 Time: 1610

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment Split by:

Samples Logged by: JM Date: 03/24/2020 Time: 1614 Labels checked by: JM

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20C0307

Cooler#: Temperature(°C): 14.6 C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: [signature] Date: 03/24/2020 Time: 1610

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2020 15:00

SO-TC-123A-032420

20C0307-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 03/24/2020 07:32

Instrument: ICP2 Analyst: SKM — Analyzed: 03/31/2020 14:56

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20C0307-01 A 02

Preparation Batch: BIC0591 — Sample Size: 25 mL (wet)

Prepared: 03/27/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0410**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0073**	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2020 15:00

SO-TC-123A-032420

20C0307-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/24/2020 07:32

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 03/29/2020 16:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20C0307-01 A

Preparation Batch: BIC0611 — Sample Size: 20.08 g (wet)

Prepared: 03/29/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.82**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2020 15:00

SO-TC-123B-032420

20C0307-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 03/24/2020 07:38

Instrument: ICP2 Analyst: SKM — Analyzed: 03/31/2020 14:43

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20C0307-02 A 02

Preparation Batch: BIC0591 — Sample Size: 25 mL (wet)

Prepared: 03/27/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0540**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.183**	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2020 15:00

SO-TC-123B-032420

20C0307-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/24/2020 07:38

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 03/29/2020 16:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20C0307-02 A

Preparation Batch: BIC0611 — Sample Size: 20.02 g (wet)

Prepared: 03/29/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**8.92**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2020 15:00

SO-TC-123C-032420

20C0307-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 03/24/2020 07:42

Instrument: ICP2 Analyst: SKM — Analyzed: 03/31/2020 14:47

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20C0307-03 A 02

Preparation Batch: BIC0591 — Sample Size: 25 mL (wet)

Prepared: 03/27/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0707**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0380**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2020 15:00

SO-TC-123C-032420

20C0307-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/24/2020 07:42

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 03/29/2020 16:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20C0307-03 A

Preparation Batch: BIC0611 — Sample Size: 20.14 g (wet)

Prepared: 03/29/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.36**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
01-Apr-2020 15:00

TCLP Metals and Metallic Compounds - Quality Control

Batch BIC0591 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIC0591-BLK1)					Prepared: 27-Mar-2020 Analyzed: 31-Mar-2020 14:38						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BIC0591-DUP1)		**Source: 20C0307-01**			Prepared: 27-Mar-2020 Analyzed: 31-Mar-2020 14:52						
Arsenic	0.0530	0.0140	0.250	mg/L		0.0410			25.60	20	L, J
Lead	ND	0.0065	0.100	mg/L		0.0073					U
Matrix Spike (BIC0591-MS1)		**Source: 20C0307-01**			Prepared: 27-Mar-2020 Analyzed: 31-Mar-2020 15:01						
Arsenic	4.12	0.0140	0.250	mg/L	4.00	0.0410	102	75-125			
Lead	3.82	0.0065	0.100	mg/L	4.00	0.0073	95.2	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2020 15:00

Wet Chemistry - Quality Control

Batch BIC0611 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIC0611-BS1)				Prepared: 29-Mar-2020 Analyzed: 29-Mar-2020 16:48							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BIC0611-DUP1)		**Source: 20C0307-01**		Prepared: 29-Mar-2020 Analyzed: 29-Mar-2020 16:48							
pH	8.77	0.01	0.01	pH Units		8.82			0.57	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2020 15:00

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2020 15:00

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

08 April 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20D0026	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.04.08 13:37:35 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20D0026	Turn-around Requested: 5 day	Date: 4/2/20	
ARI Client Company: PERC	Phone: 4252382212	Page: of	
Client Contact: Kenny King		No. of Coolers: Ø	Cooler Temps: 19.8
Client Project Name: Superlon			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 (AS/PB)	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-124A-040220	04/02/20	10:30	SOIL	1	✓	✓							
SO-TC-124B-040220	04/02/20	10:40	SOIL	1	✓	✓							
SO-TC-124C-040220	04/02/20	10:50	SOIL	1	✓	✓							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Kenny Dang	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/2/2020 14:00	Date & Time: 4/2/2020 1400	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Apr-2020 13:34

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-124A-040220	20D0026-01	Solid	02-Apr-2020 10:30	02-Apr-2020 14:00
SO-TC-124B-040220	20D0026-02	Solid	02-Apr-2020 10:40	02-Apr-2020 14:00
SO-TC-124C-040220	20D0026-03	Solid	02-Apr-2020 10:50	02-Apr-2020 14:00

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Apr-2020 13:34

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20D0026

Sample receipt

Samples as listed on the preceding page were received 02-Apr-2020 14:00 under ARI work order 20D0026. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20D0026-01. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 20D0026
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1400 — 19.9

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: D00 5206

Cooler Accepted by: KD Date: 9/2/2020 Time: 1400

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	(Individually)	Grouped	Not KD
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: KD Date: 9/2/2020 Time: 1440 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20D0026

Cooler#: 1 **Temperature(°C):** 19.5°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: KD Date: 4/27/2020 Time: 1400

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Apr-2020 13:34

SO-TC-124A-040220

20D0026-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/02/2020 10:30

Instrument: ICP2 Analyst: MCB — Analyzed: 04/07/2020 17:06

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0026-01 A 04

Preparation Batch: BID0080 — Sample Size: 25 mL (wet)

Prepared: 04/07/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0669**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0348**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Apr-2020 13:34

SO-TC-124A-040220

20D0026-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/02/2020 10:30

Instrument: Accumet AB150 Analyst: JM — Analyzed: 04/06/2020 12:15

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20D0026-01 A

Preparation Batch: BID0062 — Sample Size: 20.201 g (wet)

Prepared: 04/06/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.80**	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Apr-2020 13:34

SO-TC-124B-040220

20D0026-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/02/2020 10:40

Instrument: ICP2 Analyst: MCB — Analyzed: 04/07/2020 17:11

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0026-02 A 04

Preparation Batch: BID0080 — Sample Size: 25 mL (wet)

Prepared: 04/07/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0830**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0623**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Apr-2020 13:34

SO-TC-124B-040220

20D0026-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/02/2020 10:40

Instrument: Accumet AB150 Analyst: JM — Analyzed: 04/06/2020 12:15

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20D0026-02 A

Preparation Batch: BID0062 — Sample Size: 20.625 g (wet)

Prepared: 04/06/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.84**	pH Units	

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8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Apr-2020 13:34

SO-TC-124C-040220

20D0026-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/02/2020 10:50

Instrument: ICP2 Analyst: MCB — Analyzed: 04/07/2020 17:15

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0026-03 A 04

Preparation Batch: BID0080 — Sample Size: 25 mL (wet)

Prepared: 04/07/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	**0.0588**	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	**0.0422**	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Apr-2020 13:34

SO-TC-124C-040220

20D0026-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/02/2020 10:50

Instrument: Accumet AB150 Analyst: JM — Analyzed: 04/06/2020 12:15

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20D0026-03 A

Preparation Batch: BID0062 — Sample Size: 20.445 g (wet)

Prepared: 04/06/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	**9.80**	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
08-Apr-2020 13:34

TCLP Metals and Metallic Compounds - Quality Control

Batch BID0080 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BID0080-BLK1)					Prepared: 07-Apr-2020 Analyzed: 07-Apr-2020 17:02						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Apr-2020 13:34

Wet Chemistry - Quality Control

Batch BID0062 - EPA 9045D

Instrument: Accumet AB150 Analyst: JM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BID0062-BS1)				Prepared: 06-Apr-2020 Analyzed: 06-Apr-2020 12:15							
pH	6.96	0.01	0.01	pH Units	7.00		99.4	99.2-100.8			
Duplicate (BID0062-DUP1)		**Source: 20D0026-01**		Prepared: 06-Apr-2020 Analyzed: 06-Apr-2020 12:15							
pH	9.82	0.01	0.01	pH Units		9.80			0.20	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Apr-2020 13:34

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	08-Apr-2020 13:34

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

14 April 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20D0057	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.04.15 10:23:54 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20D0057	Turn-around Requested: 3 days	Date: 4/7/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 4	Cooler Temps: 22.9°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-125A-040720	04/07/20	10:45	Soil	1	✔	✔							
SO-TC-125B-040720	04/07/20	10:50	Soil	1	✔	✔							
SO-TC-125C-040720	04/07/20	10:55	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/7/2020 17:04	Date & Time: 04/07/2020 1704	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Apr-2020 14:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-125A-040720	20D0057-01	Solid	07-Apr-2020 10:45	07-Apr-2020 17:04
SO-TC-125B-040720	20D0057-02	Solid	07-Apr-2020 10:50	07-Apr-2020 17:04
SO-TC-125C-040720	20D0057-03	Solid	07-Apr-2020 10:55	07-Apr-2020 17:04

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Apr-2020 14:22

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20D0057

Sample receipt

Samples as listed on the preceding page were received 07-Apr-2020 17:04 under ARI work order 20D0057. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20D0057-01. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20D0057 Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 22.9°C

Time 1704

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 5d06

Cooler Accepted by: 1704 Date: 04/07/2020 Time: 1704

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: KD Date: 4/8/20 Time: 0845 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20D0057

Cooler#: _____ **Temperature(°C):** 22.9°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JBm Date: 04/07/2020 Time: 1704

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Apr-2020 14:22

SO-TC-125A-040720

20D0057-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/07/2020 10:45

Instrument: ICP2 Analyst: SKM — Analyzed: 04/13/2020 15:20

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0057-01 A 03

Preparation Batch: BID0133 — Sample Size: 25 mL (wet)

Prepared: 04/10/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.102	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Apr-2020 14:22

SO-TC-125A-040720

20D0057-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/07/2020 10:45

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 04/13/2020 11:35

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20D0057-01 A 02

Preparation Batch: BID0141 — Sample Size: 20.27 g (wet)

Prepared: 04/13/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.53	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Apr-2020 14:22

SO-TC-125B-040720

20D0057-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/07/2020 10:50

Instrument: ICP2 Analyst: SKM — Analyzed: 04/13/2020 14:53

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0057-02 A 03

Preparation Batch: BID0133 — Sample Size: 25 mL (wet)

Prepared: 04/10/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0656	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Apr-2020 14:22

SO-TC-125B-040720

20D0057-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/07/2020 10:50

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 04/13/2020 11:35

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20D0057-02 A 02

Preparation Batch: BID0141 — Sample Size: 20.49 g (wet)

Prepared: 04/13/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.78	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Apr-2020 14:22

SO-TC-125C-040720

20D0057-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/07/2020 10:55

Instrument: ICP2 Analyst: SKM — Analyzed: 04/13/2020 14:57

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0057-03 A 03

Preparation Batch: BID0133 — Sample Size: 25 mL (wet)

Prepared: 04/10/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0476	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Apr-2020 14:22

SO-TC-125C-040720

20D0057-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/07/2020 10:55

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 04/13/2020 11:35

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20D0057-03 A 02

Preparation Batch: BID0141 — Sample Size: 20.37 g (wet)

Prepared: 04/13/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.72	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Apr-2020 14:22

TCLP Metals and Metallic Compounds - Quality Control

Batch BID0133 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BID0133-BLK1)				Prepared: 10-Apr-2020 Analyzed: 13-Apr-2020 14:48							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BID0133-DUP1)		**Source: 20D0057-01**		Prepared: 10-Apr-2020 Analyzed: 13-Apr-2020 15:16							
Arsenic	0.110	0.0140	0.250	mg/L		0.102			8.10	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BID0133-MS1)		**Source: 20D0057-01**		Prepared: 10-Apr-2020 Analyzed: 13-Apr-2020 15:25							
Arsenic	4.13	0.0140	0.250	mg/L	4.00	0.102	101	75-125			
Lead	3.96	0.0065	0.100	mg/L	4.00	ND	98.9	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
14-Apr-2020 14:22

Wet Chemistry - Quality Control

Batch BID0141 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BID0141-BS1)				Prepared: 13-Apr-2020 Analyzed: 13-Apr-2020 11:35							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			
Duplicate (BID0141-DUP1)		**Source: 20D0057-01**		Prepared: 13-Apr-2020 Analyzed: 13-Apr-2020 11:35							
pH	9.50	0.01	0.01	pH Units		9.53			0.32	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Apr-2020 14:22

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Apr-2020 14:22

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

14 April 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20D0071	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.04.15 10:22:56 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20D0071	Turn-around Requested: 3 days	Date: 4/8/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 19.4°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/PbOnly	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-126A-040820	04/08/20	11:45	Soil	1	✔	✔	
SO-TC-126B-040820	04/08/20	11:50	Soil	1	✔	✔	
SO-TC-126C-040820	04/08/20	11:55	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Jacobsen Ltr	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/8/2020 3:23	Date & Time: 04/08/2020 1523	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Apr-2020 14:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-126A-040820	20D0071-01	Solid	08-Apr-2020 11:45	08-Apr-2020 15:23
SO-TC-126B-040820	20D0071-02	Solid	08-Apr-2020 11:50	08-Apr-2020 15:23
SO-TC-126C-040820	20D0071-03	Solid	08-Apr-2020 11:55	08-Apr-2020 15:23

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Apr-2020 14:28

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20D0071

Sample receipt

Samples as listed on the preceding page were received 08-Apr-2020 15:23 under ARI work order 20D0071. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERI

Project Name: Superlon Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 20D0071

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1523 29.4°C

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00 5206

Cooler Accepted by: JG Date: 04/08/2020 Time: 1523

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		_____

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JG Date: 04/08/2020 Time: 1559 Labels checked by: JG

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20D0071

Cooler#: _____ Temperature(°C): 29.4 C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 04/08/2020 Time: 1523

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Apr-2020 14:28

SO-TC-126A-040820

20D0071-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/08/2020 11:45

Instrument: ICP2 Analyst: SKM — Analyzed: 04/13/2020 15:02

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0071-01 A 03

Preparation Batch: BID0133 — Sample Size: 25 mL (wet)

Prepared: 04/10/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.344	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Apr-2020 14:28

SO-TC-126A-040820

20D0071-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/08/2020 11:45

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 04/13/2020 11:35

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20D0071-01 A 02

Preparation Batch: BID0141 — Sample Size: 20.01 g (wet)

Prepared: 04/13/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.66	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Apr-2020 14:28

SO-TC-126B-040820

20D0071-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/08/2020 11:50

Instrument: ICP2 Analyst: SKM — Analyzed: 04/13/2020 15:06

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0071-02 A 03

Preparation Batch: BID0133 — Sample Size: 25 mL (wet)

Prepared: 04/10/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.426	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Apr-2020 14:28

SO-TC-126B-040820

20D0071-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/08/2020 11:50

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 04/13/2020 11:35

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20D0071-02 A 02

Preparation Batch: BID0141 — Sample Size: 20.45 g (wet)

Prepared: 04/13/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.57	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Apr-2020 14:28

SO-TC-126C-040820

20D0071-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/08/2020 11:55

Instrument: ICP2 Analyst: SKM — Analyzed: 04/13/2020 15:11

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0071-03 A 02

Preparation Batch: BID0133 — Sample Size: 25 mL (wet)

Prepared: 04/10/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0794	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0621	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Apr-2020 14:28

SO-TC-126C-040820

20D0071-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/08/2020 11:55

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 04/13/2020 11:35

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20D0071-03 A 02

Preparation Batch: BID0141 — Sample Size: 20.35 g (wet)

Prepared: 04/13/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.56	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
14-Apr-2020 14:28

TCLP Metals and Metallic Compounds - Quality Control

Batch BID0133 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BID0133-BLK1)					Prepared: 10-Apr-2020 Analyzed: 13-Apr-2020 14:48						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
14-Apr-2020 14:28

Wet Chemistry - Quality Control

Batch BID0141 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BID0141-BS1)				Prepared: 13-Apr-2020 Analyzed: 13-Apr-2020 11:35							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Apr-2020 14:28

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2019
WA-DW	Ecology - Drinking Water	C558	06/30/2019

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Apr-2020 14:28

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

20 April 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20D0119	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.04.20 12:59:21 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20D0119	Turn-around Requested: 3 days	Date: 4/14/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 23.6 C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-127A-041320	04/13/20	15:05	Soil	1	✔	✔	
SO-TC-127B-041320	04/13/20	15:10	Soil	1	✔	✔	
SO-TC-127C-041320	04/13/20	15:15	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Hall	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/14/2020 16:46	Date & Time: 04/14/2020 1646	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2020 12:57

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-127A-041320	20D0119-01	Solid	13-Apr-2020 15:05	14-Apr-2020 16:46
SO-TC-127B-041320	20D0119-02	Solid	13-Apr-2020 15:10	14-Apr-2020 16:46
SO-TC-127C-041320	20D0119-03	Solid	13-Apr-2020 15:15	14-Apr-2020 16:46

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2020 12:57

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20D0119

Sample receipt

Samples as listed on the preceding page were received 14-Apr-2020 16:46 under ARI work order 20D0119. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20D0119-01 in batch BID0246. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

Sample specific QC was performed in association with sample 20D0119-01 in batch BID0218. The duplicate RPD and matrix spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PGRC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20D0119 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1646 23.6°C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 5206

Cooler Accepted by: JSm Date: 04/14/2020 Time: 1646

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:

Was sufficient ice used (if appropriate)? NA YES (NO)

How were bottles sealed in plastic bags? Individually (Grouped) Not

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA)

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: KD Date: 4/15/2020 Time: 0853 Labels checked by: KD

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20D0119

Cooler#: _____ Temperature(°C): 23.6°C

Sample ID	Bottle Count	Bottle Type
Samples received @ 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: JRm Date: 04/14/2020 Time: 1646

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2020 12:57

SO-TC-127A-041320

20D0119-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/13/2020 15:05

Instrument: ICP2 Analyst: MCB — Analyzed: 04/17/2020 11:48

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0119-01 A 02

Preparation Batch: BID0218 — Sample Size: 25 mL (wet)

Prepared: 04/16/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.207	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2020 12:57

SO-TC-127A-041320

20D0119-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/13/2020 15:05

Instrument: Accumet AB150 Analyst: BF — Analyzed: 04/17/2020 11:58

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20D0119-01 A

Preparation Batch: BID0246 — Sample Size: 20.64 g (wet)

Prepared: 04/17/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.29	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2020 12:57

SO-TC-127B-041320

20D0119-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/13/2020 15:10

Instrument: ICP2 Analyst: MCB — Analyzed: 04/17/2020 11:44

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0119-02 A 02

Preparation Batch: BID0218 — Sample Size: 25 mL (wet)

Prepared: 04/16/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.138	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2020 12:57

SO-TC-127B-041320

20D0119-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/13/2020 15:10

Instrument: Accumet AB150 Analyst: BF — Analyzed: 04/17/2020 11:58

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20D0119-02 A

Preparation Batch: BID0246 — Sample Size: 20.61 g (wet)

Prepared: 04/17/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.40	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2020 12:57

SO-TC-127C-041320

20D0119-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/13/2020 15:15

Instrument: ICP2 Analyst: MCB — Analyzed: 04/17/2020 11:39

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0119-03 A 02

Preparation Batch: BID0218 — Sample Size: 25 mL (wet)

Prepared: 04/16/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.233	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2020 12:57

SO-TC-127C-041320

20D0119-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/13/2020 15:15

Instrument: Accumet AB150 Analyst: BF — Analyzed: 04/17/2020 11:58

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20D0119-03 A

Preparation Batch: BID0246 — Sample Size: 20.05 g (wet)

Prepared: 04/17/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.31	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2020 12:57

TCLP Metals and Metallic Compounds - Quality Control

Batch BID0218 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BID0218-BLK1)				Prepared: 16-Apr-2020 Analyzed: 17-Apr-2020 11:21							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BID0218-DUP1)		**Source: 20D0119-01**		Prepared: 16-Apr-2020 Analyzed: 17-Apr-2020 11:53							
Arsenic	0.220	0.0140	0.250	mg/L		0.207			6.21	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BID0218-MS1)		**Source: 20D0119-01**		Prepared: 16-Apr-2020 Analyzed: 17-Apr-2020 11:58							
Arsenic	4.42	0.0140	0.250	mg/L	4.00	0.207	105	75-125			
Lead	3.96	0.0065	0.100	mg/L	4.00	ND	99.0	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2020 12:57

Wet Chemistry - Quality Control

Batch BID0246 - EPA 9045D

Instrument: Accumet AB150 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BID0246-BS1)				Prepared: 17-Apr-2020 Analyzed: 17-Apr-2020 11:58							
pH	7.04	0.01	0.01	pH Units	7.00		101	99.2-100.8			
Duplicate (BID0246-DUP1)		**Source: 20D0119-01**		Prepared: 17-Apr-2020 Analyzed: 17-Apr-2020 11:58							
pH	9.38	0.01	0.01	pH Units		9.29			0.96	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2020 12:57

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	20-Apr-2020 12:57

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

20 April 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20D0120	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.04.20 12:25:40 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20D0120	Turn-around Requested: 3 days	Date: 4/14/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 23.6C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-128A-041320	04/13/20	08:40	Soil	1	✔	✔	
SO-TC-128B-041420	04/14/20	09:05	Soil	1	✔	✔	
SO-TC-128C-041420	04/14/20	09:05	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacobsen	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/14/2020 16:46	Date & Time: 04/14/2020 1646	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2020 12:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-128A-041320	20D0120-01	Solid	13-Apr-2020 08:40	14-Apr-2020 16:46
SO-TC-128B-041420	20D0120-02	Solid	14-Apr-2020 09:05	14-Apr-2020 16:46
SO-TC-128C-041420	20D0120-03	Solid	14-Apr-2020 09:05	14-Apr-2020 16:46

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2020 12:11

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20D0120

Sample receipt

Samples as listed on the preceding page were received 14-Apr-2020 16:46 under ARI work order 20D0120. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PGRC

Project Name: Superlon Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20D0120

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)

Were custody papers included with the cooler? ..... (YES) NO

Were custody papers properly filled out (ink, signed, etc.) ..... (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1646 23.6°C

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00 5206

Cooler Accepted by: JSm Date: 04/14/2020 Time: 1646

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? ..... YES (NO)

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:

Was sufficient ice used (if appropriate)? ..... NA YES (NO)

How were bottles sealed in plastic bags? ..... Individually (Grouped) Not

Did all bottles arrive in good condition (unbroken)? ..... (YES) NO

Were all bottle labels complete and legible? ..... (YES) NO

Did the number of containers listed on COC match with the number of containers received? ..... (YES) NO

Did all bottle labels and tags agree with custody papers? ..... (YES) NO

Were all bottles used correct for the requested analyses? ..... (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ... (NA) YES NO

Were all VOC vials free of air bubbles? ..... (NA) YES NO

Was sufficient amount of sample sent in each bottle? ..... (YES) NO

Date VOC Trip Blank was made at ARI..... (NA)

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: KD Date: 4/15/2020 Time: 0912 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20D0120

Cooler#: _____ Temperature(°C): 23.6°C

Sample ID	Bottle Count	Bottle Type
Samples received on ice @ 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: JRM Date: 04/14/2020 Time: 1646

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2020 12:11

SO-TC-128A-041320

20D0120-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/13/2020 08:40

Instrument: ICP2 Analyst: MCB — Analyzed: 04/17/2020 11:26

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0120-01 A 02

Preparation Batch: BID0218 — Sample Size: 25 mL (wet)

Prepared: 04/16/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.187	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0559	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2020 12:11

SO-TC-128A-041320

20D0120-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/13/2020 08:40

Instrument: Accumet AB150 Analyst: BF — Analyzed: 04/17/2020 11:58

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20D0120-01 A

Preparation Batch: BID0246 — Sample Size: 20.69 g (wet)

Prepared: 04/17/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.75	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2020 12:11

SO-TC-128B-041420

20D0120-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/14/2020 09:05

Instrument: ICP2 Analyst: MCB — Analyzed: 04/17/2020 11:30

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0120-02 A 02

Preparation Batch: BID0218 — Sample Size: 25 mL (wet)

Prepared: 04/16/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.359	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0649	mg/L	J

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8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2020 12:11

SO-TC-128B-041420

20D0120-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/14/2020 09:05

Instrument: Accumet AB150 Analyst: BF — Analyzed: 04/17/2020 11:58

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20D0120-02 A

Preparation Batch: BID0246 — Sample Size: 20.18 g (wet)

Prepared: 04/17/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.34	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2020 12:11

SO-TC-128C-041420

20D0120-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/14/2020 09:05

Instrument: ICP2 Analyst: MCB — Analyzed: 04/17/2020 11:35

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0120-03 A 02

Preparation Batch: BID0218 — Sample Size: 25 mL (wet)

Prepared: 04/16/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.358	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0518	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2020 12:11

SO-TC-128C-041420

20D0120-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/14/2020 09:05

Instrument: Accumet AB150 Analyst: BF — Analyzed: 04/17/2020 11:58

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20D0120-03 A

Preparation Batch: BID0246 — Sample Size: 20.22 g (wet)

Prepared: 04/17/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.17	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
20-Apr-2020 12:11

TCLP Metals and Metallic Compounds - Quality Control

Batch BID0218 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BID0218-BLK1)					Prepared: 16-Apr-2020 Analyzed: 17-Apr-2020 11:21						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
20-Apr-2020 12:11

Wet Chemistry - Quality Control

Batch BID0246 - EPA 9045D

Instrument: Accumet AB150 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BID0246-BS1)				Prepared: 17-Apr-2020 Analyzed: 17-Apr-2020 11:58							
pH	7.04	0.01	0.01	pH Units	7.00		101	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2020 12:11

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
CALAP	California Department of Public Health CAELAP	2748	06/30/2019
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	20-Apr-2020 12:11

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

27 April 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20D0157	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.04.27 13:34:49 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20D0157	Turn-around Requested: 3 days	Date: 4/20/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: 1 of 1	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 25.2°C
Client Project Name: Superlon			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-129A-042020	04/20/20	08:30	Soil	1	✔	✔							
SO-TC-129B-042020	04/20/20	08:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/20/20 16:38	Date & Time: 04/20/2020 1638	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2020 13:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-129A-042020	20D0157-01	Solid	20-Apr-2020 08:30	20-Apr-2020 16:38
SO-TC-129B-042020	20D0157-02	Solid	20-Apr-2020 08:30	20-Apr-2020 16:38

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2020 13:33

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20D0157

Sample receipt

Samples as listed on the preceding page were received 20-Apr-2020 16:38 under ARI work order 20D0157. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20D0157-01 in batch BID0318. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

Sample specific QC was performed in association with sample 20D0157-01 in batch BOD0321. The duplicate RPD and matrix spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PGRL

Project Name: Superlon Plastics

COC No(s): ~~NA~~

Delivered by: Fed-Ex UPS Courier ~~Hand Delivered~~ Other: _____

Assigned ARI Job No: 20D0157

Tracking No: _____ ~~NA~~

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	~~NO~~
Were custody papers included with the cooler?	~~YES~~	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1638 25.2

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: DOO ~~5206~~

Cooler Accepted by: JJm Date: 04/20/2020 Time: 1638

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	~~NO~~
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs ~~Baggies~~ Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	~~NO~~
How were bottles sealed in plastic bags?	Individually	~~Grouped~~	Not
Did all bottles arrive in good condition (unbroken)?		~~YES~~	NO
Were all bottle labels complete and legible?		~~YES~~	NO
Did the number of containers listed on COC match with the number of containers received?		~~YES~~	NO
Did all bottle labels and tags agree with custody papers?		~~YES~~	NO
Were all bottles used correct for the requested analyses?		~~YES~~	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	~~NA~~	YES	NO
Were all VOC vials free of air bubbles?	~~NA~~	YES	NO
Was sufficient amount of sample sent in each bottle?		~~YES~~	NO
Date VOC Trip Blank was made at ARI	~~NA~~		

Were the sample(s) split by ARI? ~~NA~~ YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JJm Date: 04/20/2020 Time: 1641 Labels checked by: ~~JG~~ JJm

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20D0157

Cooler#: _____ Temperature(°C): 25.2°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 04/30/2020 Time: 1638

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2020 13:33

SO-TC-129A-042020

20D0157-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/20/2020 08:30

Instrument: ICP2 Analyst: TCH — Analyzed: 04/24/2020 14:45

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0157-01 A 03

Preparation Batch: BID0321 — Sample Size: 25 mL (wet)

Prepared: 04/23/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.193	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.114	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2020 13:33

SO-TC-129A-042020

20D0157-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/20/2020 08:30

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 04/23/2020 12:13

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20D0157-01 A

Preparation Batch: BID0318 — Sample Size: 20.67 g (wet)

Prepared: 04/23/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.11	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2020 13:33

SO-TC-129B-042020

20D0157-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/20/2020 08:30

Instrument: ICP2 Analyst: TCH — Analyzed: 04/24/2020 14:22

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0157-02 A 03

Preparation Batch: BID0321 — Sample Size: 25 mL (wet)

Prepared: 04/23/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.220	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0932	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2020 13:33

SO-TC-129B-042020

20D0157-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/20/2020 08:30

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 04/23/2020 12:13

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20D0157-02 A

Preparation Batch: BID0318 — Sample Size: 20.83 g (wet)

Prepared: 04/23/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.54	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
27-Apr-2020 13:33

TCLP Metals and Metallic Compounds - Quality Control

Batch BID0321 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BID0321-BLK1)				Prepared: 23-Apr-2020 Analyzed: 24-Apr-2020 14:13							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BID0321-DUP1)		**Source: 20D0157-01**		Prepared: 23-Apr-2020 Analyzed: 24-Apr-2020 14:40							
Arsenic	0.196	0.0140	0.250	mg/L		0.193			1.54	20	J
Lead	0.122	0.0065	0.100	mg/L		0.114			6.69	20	
Matrix Spike (BID0321-MS1)		**Source: 20D0157-01**		Prepared: 23-Apr-2020 Analyzed: 24-Apr-2020 14:50							
Arsenic	4.52	0.0140	0.250	mg/L	4.00	0.193	108	75-125			
Lead	4.35	0.0065	0.100	mg/L	4.00	0.114	106	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2020 13:33

Wet Chemistry - Quality Control

Batch BID0318 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BID0318-BS1)				Prepared: 23-Apr-2020 Analyzed: 23-Apr-2020 12:13							
pH	7.03	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BID0318-DUP1)		**Source: 20D0157-01**		Prepared: 23-Apr-2020 Analyzed: 23-Apr-2020 12:13							
pH	6.16	0.01	0.01	pH Units		6.11			0.82	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2020 13:33

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	27-Apr-2020 13:33

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

27 April 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20D0172	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.04.27 13:39:50 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20D0172	Turn-around Requested: 3 days	Date: 4/21/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: 1 of 1	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 21.6°C
Client Project Name: Superlon			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-129C-042120	04/21/20	08:00	Soil	1	✔	✔							

Analysis Requested

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/21/20 16:42	Date & Time: 04/21/2020 1642	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2020 13:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-129C-042120	20D0172-01	Solid	21-Apr-2020 08:00	21-Apr-2020 16:42

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2020 13:37

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20D0172

Sample receipt

One sample as listed on the preceding page was received 21-Apr-2020 16:42 under ARI work order 20D0172. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 20D0172

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1642 — 21.6°C

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00 5706

Cooler Accepted by: JJ Date: 04/21/2020 Time: 1642

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		_____

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JJ Date: 04/21/2020 Time: 1646 Labels checked by: JJ

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20D0172

Cooler#: _____ Temperature(°C): 21.6°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: JAm Date: 04/21/2020 Time: 1642

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2020 13:37

SO-TC-129C-042120

20D0172-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/21/2020 08:00

Instrument: ICP2 Analyst: TCH — Analyzed: 04/24/2020 14:31

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0172-01 A 03

Preparation Batch: BID0321 — Sample Size: 25 mL (wet)

Prepared: 04/23/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.156	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.155	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2020 13:37

SO-TC-129C-042120

20D0172-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/21/2020 08:00

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 04/23/2020 12:13

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20D0172-01 A

Preparation Batch: BID0318 — Sample Size: 20.15 g (wet)

Prepared: 04/23/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.58	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
27-Apr-2020 13:37

TCLP Metals and Metallic Compounds - Quality Control

Batch BID0321 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BID0321-BLK1)					Prepared: 23-Apr-2020 Analyzed: 24-Apr-2020 14:13						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
27-Apr-2020 13:37

Wet Chemistry - Quality Control

Batch BID0318 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BID0318-BS1)				Prepared: 23-Apr-2020 Analyzed: 23-Apr-2020 12:13							
pH	7.03	0.01	0.01	pH Units	7.00		100	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2020 13:37

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	27-Apr-2020 13:37

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

27 April 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20D0173	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.04.27 13:44:37 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20D0173	Turn-around Requested: 3 days	Date: 4/21/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: 1 of 1	
Client Contact: Kenny King		No. of Coolers: 0	Cooler Temps: 21.6°C
Client Project Name: Superlon			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-130A-042120	04/21/20	11:55	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	4/21/20 16:43		Jacob Walter	ARI	04/21/2020 1643								

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2020 13:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-130A-042120	20D0173-01	Solid	21-Apr-2020 11:55	21-Apr-2020 16:42

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2020 13:44

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20D0173

Sample receipt

The sample as listed on the preceding page was received 21-Apr-2020 16:42 under ARI work order 20D0173. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20D0173

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1642 21.6°C

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00 5206

Cooler Accepted by: JS Date: 04/21/2020 Time: 1642

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: JS Date: 04/21/2020 Time: 1648 Labels checked by: JS

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 2000173

Cooler#: _____ Temperature(°C): 21.6°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: JAW Date: 04/21/2020 Time: 1692

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2020 13:44

SO-TC-130A-042120

20D0173-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/21/2020 11:55

Instrument: ICP2 Analyst: TCH — Analyzed: 04/24/2020 14:36

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0173-01 A 03

Preparation Batch: BID0321 — Sample Size: 25 mL (wet)

Prepared: 04/23/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.450	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.592	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2020 13:44

SO-TC-130A-042120

20D0173-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/21/2020 11:55

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 04/23/2020 12:13

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20D0173-01 A

Preparation Batch: BID0318 — Sample Size: 20.02 g (wet)

Prepared: 04/23/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.61	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
27-Apr-2020 13:44

TCLP Metals and Metallic Compounds - Quality Control

Batch BID0321 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BID0321-BLK1)					Prepared: 23-Apr-2020 Analyzed: 24-Apr-2020 14:13						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
27-Apr-2020 13:44

Wet Chemistry - Quality Control

Batch BID0318 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BID0318-BS1)				Prepared: 23-Apr-2020 Analyzed: 23-Apr-2020 12:13							
pH	7.03	0.01	0.01	pH Units	7.00		100	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2020 13:44

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2020 13:44

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

28 April 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20D0193	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.04.28 11:54:41 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20D0193	Turn-around Requested: 3 days	Date: 4/22/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 18.9°C
Client Project Name: Superlon			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-131A-042220	04/22/20	15:00	Soil	1	✔	✔							
SO-TC-131B-042220	04/22/20	15:10	Soil	1	✔	✔							
SO-TC-131C-042220	04/22/20	15:20	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/22/20 16:46	Date & Time: 04/22/2020 1646	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Apr-2020 11:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-131A-042220	20D0193-01	Solid	22-Apr-2020 15:00	22-Apr-2020 16:46
SO-TC-131B-042220	20D0193-02	Solid	22-Apr-2020 15:10	22-Apr-2020 16:46
SO-TC-131C-042220	20D0193-03	Solid	22-Apr-2020 15:20	22-Apr-2020 16:46

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Apr-2020 11:53

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20D0193

Sample receipt

Samples as listed on the preceding page were received 22-Apr-2020 16:46 under ARI work order 20D0193. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH- EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

Sample specific QC was performed in association with sample 20D0193-01 in batch BID0358. The duplicate RPD and matrix spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20D0193 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1646 18.9C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 5206

Cooler Accepted by: JJ Date: 04/28/2020 Time: 1646

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? JJ		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JJ Date: 04/28/2020 Time: 1701 Labels checked by: JJ

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20D0193

Cooler#: _____ **Temperature(°C):** 18.9°C

Sample ID	Bottle Count	Bottle Type
Samples received at the 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 04/22/2020 Time: 1646

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Apr-2020 11:53

SO-TC-131A-042220

20D0193-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/22/2020 15:00

Instrument: ICP2 Analyst: MCB — Analyzed: 04/27/2020 13:46

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0193-01 A 03

Preparation Batch: BID0358 — Sample Size: 25 mL (wet)

Prepared: 04/24/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.267	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Apr-2020 11:53

SO-TC-131A-042220

20D0193-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/22/2020 15:00

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 04/23/2020 12:13

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20D0193-01 A

Preparation Batch: BID0318 — Sample Size: 20.66 g (wet)

Prepared: 04/23/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.59	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Apr-2020 11:53

SO-TC-131B-042220

20D0193-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/22/2020 15:10

Instrument: ICP2 Analyst: MCB — Analyzed: 04/27/2020 13:32

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0193-02 A 03

Preparation Batch: BID0358 — Sample Size: 25 mL (wet)

Prepared: 04/24/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.120	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Apr-2020 11:53

SO-TC-131B-042220

20D0193-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/22/2020 15:10

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 04/23/2020 12:13

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20D0193-02 A

Preparation Batch: BID0318 — Sample Size: 20.18 g (wet)

Prepared: 04/23/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.51	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Apr-2020 11:53

SO-TC-131C-042220

20D0193-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/22/2020 15:20

Instrument: ICP2 Analyst: MCB — Analyzed: 04/27/2020 13:37

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0193-03 A 03

Preparation Batch: BID0358 — Sample Size: 25 mL (wet)

Prepared: 04/24/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0814	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Apr-2020 11:53

SO-TC-131C-042220

20D0193-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/22/2020 15:20

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 04/23/2020 12:13

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20D0193-03 A

Preparation Batch: BID0318 — Sample Size: 20.55 g (wet)

Prepared: 04/23/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.46	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
28-Apr-2020 11:53

TCLP Metals and Metallic Compounds - Quality Control

Batch BID0358 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BID0358-BLK1)				Prepared: 24-Apr-2020 Analyzed: 27-Apr-2020 12:20							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BID0358-DUP1)		**Source: 20D0193-01**		Prepared: 24-Apr-2020 Analyzed: 27-Apr-2020 13:42							
Arsenic	0.276	0.0140	0.250	mg/L		0.267			3.48	20	
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BID0358-MS1)		**Source: 20D0193-01**		Prepared: 24-Apr-2020 Analyzed: 27-Apr-2020 13:51							
Arsenic	4.58	0.0140	0.250	mg/L	4.00	0.267	108	75-125			
Lead	4.15	0.0065	0.100	mg/L	4.00	ND	104	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
28-Apr-2020 11:53

Wet Chemistry - Quality Control

Batch BID0318 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BID0318-BS1)				Prepared: 23-Apr-2020 Analyzed: 23-Apr-2020 12:13							
pH	7.03	0.01	0.01	pH Units	7.00		100	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Apr-2020 11:53

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	28-Apr-2020 11:53

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

05 May 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20D0270	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.05.05 13:37:16 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20D0270	Turn-around Requested: 3 days	Date: 4/28/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 01	Cooler Temps: 22.3°C
Client Project Name: Superlon			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-132A-042820	04/28/20	10:45	Soil	1	✔	✔	
SO-TC-132B-042820	04/28/20	10:50	Soil	1	✔	✔	
SO-TC-132C-042820	04/28/20	10:55	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/28/20 16:47	Date & Time: 04/28/2020 1647	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-May-2020 13:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-132A-042820	20D0270-01	Solid	28-Apr-2020 10:45	28-Apr-2020 16:47
SO-TC-132B-042820	20D0270-02	Solid	28-Apr-2020 10:50	28-Apr-2020 16:47
SO-TC-132C-042820	20D0270-03	Solid	28-Apr-2020 10:55	28-Apr-2020 16:47

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-May-2020 13:35

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20D0270

Sample receipt

Samples as listed on the preceding page were received 28-Apr-2020 16:47 under ARI work order 20D0270. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20D0270-01. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20D0270

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1647 22.3°C

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: DOO 5206

Cooler Accepted by: JS Date: 04/28/2020 Time: 1647

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: KD Date: 4/29/20 Time: 0950 Labels checked by: KD

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20D0270

Cooler#: _____ **Temperature(°C):** 22.3°C

Sample ID	Bottle Count	Bottle Type
Samples received cblue 6°c		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JG Date: 04/28/2020 Time: 1647

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-May-2020 13:35

SO-TC-132A-042820

20D0270-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/28/2020 10:45

Instrument: ICP2 Analyst: SKM — Analyzed: 05/04/2020 14:49

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0270-01 A 02

Preparation Batch: BIE0018 — Sample Size: 25 mL (wet)

Prepared: 05/01/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.471	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-May-2020 13:35

SO-TC-132A-042820

20D0270-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/28/2020 10:45

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 05/03/2020 12:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20D0270-01 A

Preparation Batch: BIE0028 — Sample Size: 20.06 g (wet)

Prepared: 05/03/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.88	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-May-2020 13:35

SO-TC-132B-042820

20D0270-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/28/2020 10:50

Instrument: ICP2 Analyst: SKM — Analyzed: 05/04/2020 14:53

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0270-02 A 02

Preparation Batch: BIE0018 — Sample Size: 25 mL (wet)

Prepared: 05/01/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.319	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0770	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-May-2020 13:35

SO-TC-132B-042820

20D0270-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/28/2020 10:50

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 05/03/2020 12:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20D0270-02 A

Preparation Batch: BIE0028 — Sample Size: 20.09 g (wet)

Prepared: 05/03/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.56	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-May-2020 13:35

SO-TC-132C-042820

20D0270-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 04/28/2020 10:55

Instrument: ICP2 Analyst: SKM — Analyzed: 05/04/2020 14:58

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20D0270-03 A 02

Preparation Batch: BIE0018 — Sample Size: 25 mL (wet)

Prepared: 05/01/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.393	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0069	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-May-2020 13:35

SO-TC-132C-042820

20D0270-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/28/2020 10:55

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 05/03/2020 12:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20D0270-03 A

Preparation Batch: BIE0028 — Sample Size: 20 g (wet)

Prepared: 05/03/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.53	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
05-May-2020 13:35

TCLP Metals and Metallic Compounds - Quality Control

Batch BIE0018 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIE0018-BLK1)					Prepared: 01-May-2020 Analyzed: 04-May-2020 14:44						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-May-2020 13:35

Wet Chemistry - Quality Control

Batch BIE0028 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIE0028-BS1)				Prepared: 03-May-2020 Analyzed: 03-May-2020 12:18							
pH	7.03	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BIE0028-DUP1)		**Source: 20D0270-01**		Prepared: 03-May-2020 Analyzed: 03-May-2020 12:18							
pH	8.85	0.01	0.01	pH Units		8.88			0.34	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-May-2020 13:35

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-May-2020 13:35

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

11 May 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20E0027	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.05.11 13:24:50 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20E0027	Turn-around Requested: 3 days	Date: 5/4/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: 1 of 1	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 21.4°C
Client Project Name: Superlon			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C	Analysis Requested						Notes/Comments
SO-TC-133A-050420	05/04/20	15:55	Soil	1	✔	✔							
SO-TC-133B-050420	05/04/20	16:05	Soil	1	✔	✔							
SO-TC-133C-050420	05/04/20	16:15	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacobvalte	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/4/20 16:51	Date & Time: 05/04/2020 1651	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-May-2020 13:21

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-133A-050420	20E0027-01	Solid	04-May-2020 15:55	04-May-2020 16:51
SO-TC-133B-050420	20E0027-02	Solid	04-May-2020 16:05	04-May-2020 16:51
SO-TC-133C-050420	20E0027-03	Solid	04-May-2020 16:15	04-May-2020 16:51

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-May-2020 13:21

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20E0027

Sample receipt

Samples as listed on the preceding page were received 04-May-2020 16:51 under ARI work order 20E0027. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045A

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20E0027-01. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Spartan Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20E0027 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1657 21.4°C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 5006

Cooler Accepted by: JB Date: 05/04/2020 Time: 1651

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: KD Date: 5/5/20 Time: 0820 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20E0027

Cooler#: _____ **Temperature(°C):** 21.4°C

Sample ID	Bottle Count	Bottle Type
Samples received about 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JJ Date: 05/04/2020 Time: 1651

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-May-2020 13:21

SO-TC-133A-050420

20E0027-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/04/2020 15:55

Instrument: ICP2 Analyst: SKM — Analyzed: 05/06/2020 18:07

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20E0027-01 A 03

Preparation Batch: BIE0091 — Sample Size: 25 mL (wet)

Prepared: 05/06/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.622	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-May-2020 13:21

SO-TC-133A-050420

20E0027-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/04/2020 15:55

Instrument: Accumet AB150 Analyst: JM — Analyzed: 05/06/2020 15:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20E0027-01 A

Preparation Batch: BIE0096 — Sample Size: 20.07 g (wet)

Prepared: 05/06/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.36	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-May-2020 13:21

SO-TC-133B-050420

20E0027-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/04/2020 16:05

Instrument: ICP2 Analyst: SKM — Analyzed: 05/06/2020 18:11

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20E0027-02 A 03

Preparation Batch: BIE0091 — Sample Size: 25 mL (wet)

Prepared: 05/06/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	1.46	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0103	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-May-2020 13:21

SO-TC-133B-050420

20E0027-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/04/2020 16:05

Instrument: Accumet AB150 Analyst: JM — Analyzed: 05/06/2020 15:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20E0027-02 A

Preparation Batch: BIE0096 — Sample Size: 20.14 g (wet)

Prepared: 05/06/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.55	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-May-2020 13:21

SO-TC-133C-050420

20E0027-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/04/2020 16:15

Instrument: ICP2 Analyst: SKM — Analyzed: 05/06/2020 18:16

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20E0027-03 A 03

Preparation Batch: BIE0091 — Sample Size: 25 mL (wet)

Prepared: 05/06/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.866	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0079	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-May-2020 13:21

SO-TC-133C-050420

20E0027-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/04/2020 16:15

Instrument: Accumet AB150 Analyst: JM — Analyzed: 05/06/2020 15:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20E0027-03 A

Preparation Batch: BIE0096 — Sample Size: 21.88 g (wet)

Prepared: 05/06/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	9.64	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
11-May-2020 13:21

TCLP Metals and Metallic Compounds - Quality Control

Batch BIE0091 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIE0091-BLK1)					Prepared: 06-May-2020 Analyzed: 06-May-2020 18:02						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
11-May-2020 13:21

Wet Chemistry - Quality Control

Batch BIE0096 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: JM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIE0096-BS1)				Prepared: 06-May-2020 Analyzed: 06-May-2020 15:25							
pH	7.05	0.01	0.01	pH Units	7.00		101	99.2-100.8			
Duplicate (BIE0096-DUP1)		**Source: 20E0027-01**		Prepared: 06-May-2020 Analyzed: 06-May-2020 15:25							
pH	9.46	0.01	0.01	pH Units		9.36			1.06	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-May-2020 13:21

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	11-May-2020 13:21

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

13 May 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20E0051	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.05.13 11:14:09 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20E0051	Turn-around Requested: 3 days	Date: 5/6/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 19.4
Client Project Name: Superlon			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-134A-050620	05/06/20	08:30	Soil	1	✔	✔	
SO-TC-134B-050620	05/06/20	08:35	Soil	1	✔	✔	
SO-TC-134C-050620	05/06/20	08:40	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
-	Kenny King	Kenny King	PERC	5/6/2020 09:45		Kenny Dang	ARI	5/6/2020 0945							-	

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-May-2020 11:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-134A-050620	20E0051-01	Solid	06-May-2020 08:30	06-May-2020 09:45
SO-TC-134B-050620	20E0051-02	Solid	06-May-2020 08:35	06-May-2020 09:45
SO-TC-134C-050620	20E0051-03	Solid	06-May-2020 08:40	06-May-2020 09:45

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-May-2020 11:12

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20E0051

Sample receipt

Samples as listed on the preceding page were received 06-May-2020 09:45 under ARI work order 20E0051. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The LCS spike percent recoveries were within limits.

Sample specific QC was performed in association with sample 20E0051-01 in batch BIE0132. The duplicate RPD and matrix spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 20E0051
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)
Were custody papers included with the cooler? (YES) NO
Were custody papers properly filled out (ink, signed, etc.) (YES) NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)
Time 0945 19.4
If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: D00522006

Cooler Accepted by: KO Date: 5/6/2020 Time: 0945

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)
What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: Ziploc
Was sufficient ice used (if appropriate)? NA YES (NO)
How were bottles sealed in plastic bags? Individually (Grouped) Not
Did all bottles arrive in good condition (unbroken)? (YES) NO
Were all bottle labels complete and legible? (YES) NO
Did the number of containers listed on COC match with the number of containers received? (YES) NO
Did all bottle labels and tags agree with custody papers? (YES) NO
Were all bottles used correct for the requested analyses? (YES) NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) (NA) YES NO
Were all VOC vials free of air bubbles? (NA) YES NO
Was sufficient amount of sample sent in each bottle? (YES) NO
Date VOC Trip Blank was made at ARI (NA)
Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 5/6/2020 Time: 1056 Labels checked by: SLF

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20E0051

Cooler#: 8 Temperature(°C): 19.4°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: KO Date: 5/6/2020 Time: 0945

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-May-2020 11:12

SO-TC-134A-050620

20E0051-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/06/2020 08:30

Instrument: ICP2 Analyst: SKM — Analyzed: 05/11/2020 15:11

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20E0051-01 A 03

Preparation Batch: BIE0132 — Sample Size: 25 mL (wet)

Prepared: 05/08/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.930	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-May-2020 11:12

SO-TC-134A-050620

20E0051-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/06/2020 08:30

Instrument: Accumet AB150 Analyst: JM — Analyzed: 05/06/2020 15:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20E0051-01 A

Preparation Batch: BIE0096 — Sample Size: 20.18 g (wet)

Prepared: 05/06/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.26	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-May-2020 11:12

SO-TC-134B-050620

20E0051-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/06/2020 08:35

Instrument: ICP2 Analyst: SKM — Analyzed: 05/11/2020 14:41

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20E0051-02 A 03

Preparation Batch: BIE0132 — Sample Size: 25 mL (wet)

Prepared: 05/08/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	2.25	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0127	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-May-2020 11:12

SO-TC-134B-050620

20E0051-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/06/2020 08:35

Instrument: Accumet AB150 Analyst: JM — Analyzed: 05/06/2020 15:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20E0051-02 A

Preparation Batch: BIE0096 — Sample Size: 21.64 g (wet)

Prepared: 05/06/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	9.30	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-May-2020 11:12

SO-TC-134C-050620

20E0051-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/06/2020 08:40

Instrument: ICP2 Analyst: SKM — Analyzed: 05/11/2020 14:46

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20E0051-03 A 02

Preparation Batch: BIE0132 — Sample Size: 25 mL (wet)

Prepared: 05/08/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	2.52	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0082	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-May-2020 11:12

SO-TC-134C-050620

20E0051-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/06/2020 08:40

Instrument: Accumet AB150 Analyst: JM — Analyzed: 05/06/2020 15:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20E0051-03 A

Preparation Batch: BIE0096 — Sample Size: 21.69 g (wet)

Prepared: 05/06/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	9.27	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
13-May-2020 11:12

TCLP Metals and Metallic Compounds - Quality Control

Batch BIE0132 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIE0132-BLK1)					Prepared: 08-May-2020 Analyzed: 11-May-2020 14:37						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BIE0132-DUP1)		**Source: 20E0051-01**			Prepared: 08-May-2020 Analyzed: 11-May-2020 15:07						
Arsenic	0.905	0.0140	0.250	mg/L		0.930			2.65	20	
Lead	0.0090	0.0065	0.100	mg/L		ND					J
Matrix Spike (BIE0132-MS1)		**Source: 20E0051-01**			Prepared: 08-May-2020 Analyzed: 11-May-2020 15:16						
Arsenic	3.01	0.0140	0.250	mg/L	2.00	0.930	104	75-125			
Lead	1.96	0.0065	0.100	mg/L	2.00	ND	98.0	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
13-May-2020 11:12

Wet Chemistry - Quality Control

Batch BIE0096 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: JM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIE0096-BS1)				Prepared: 06-May-2020 Analyzed: 06-May-2020 15:25							
pH	7.05	0.01	0.01	pH Units	7.00		101	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-May-2020 11:12

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2020
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	13-May-2020 11:12

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

18 May 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20E0119	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.05.18 15:06:42 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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nelac Cert# 100006

PJLA Testing Accreditation # 66169

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20E0119	Turn-around Requested: 3 days	Date: 5/12/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 8	Cooler Temps: 22.5 °C
Client Project Name: Superlon			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested:	Analysis Requested:	Analysis Requested:	Analysis Requested:	Analysis Requested:	Analysis Requested:	Notes/Comments
SO-TC-135A-051220	05/12/20	11:30	Soil	1	✔	✔							
SO-TC-135B-051220	05/12/20	11:40	Soil	1	✔	✔							
SO-TC-135C-051220	05/12/20	11:50	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Haltc	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/12/2020 16:43	Date & Time: 05/12/2020 1643	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-May-2020 15:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-135A-051220	20E0119-01	Solid	12-May-2020 11:30	12-May-2020 16:43
SO-TC-135B-051220	20E0119-02	Solid	12-May-2020 11:40	12-May-2020 16:43
SO-TC-135C-051220	20E0119-03	Solid	12-May-2020 11:50	12-May-2020 16:43

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-May-2020 15:03

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20E0119

Sample receipt

Samples as listed on the preceding page were received 12-May-2020 16:43 under ARI work order 20E0119. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PGRC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20E0119 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1643 22.5i

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DOO 5-206

Cooler Accepted by: JB Date: 05/13/2020 Time: 1643

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: KD Date: 5/13/2020 Time: 0838 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20E0119

Cooler#: _____ **Temperature(°C):** 22.5°C

Sample ID	Bottle Count	Bottle Type
Samples received on ice 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 05/12/2020 Time: 1643

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-May-2020 15:03

SO-TC-135A-051220

20E0119-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/12/2020 11:30

Instrument: ICP2 Analyst: SKM — Analyzed: 05/14/2020 19:31

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20E0119-01 A 02

Preparation Batch: BIE0228 — Sample Size: 25 mL (wet)

Prepared: 05/14/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.359	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0798	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-May-2020 15:03

SO-TC-135A-051220

20E0119-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/12/2020 11:30

Instrument: Accumet AB150 Analyst: EP — Analyzed: 05/15/2020 14:20

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20E0119-01 A

Preparation Batch: BIE0260 — Sample Size: 20.42 g (wet)

Prepared: 05/15/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.77	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-May-2020 15:03

SO-TC-135B-051220

20E0119-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/12/2020 11:40

Instrument: ICP2 Analyst: SKM — Analyzed: 05/14/2020 19:36

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20E0119-02 A 02

Preparation Batch: BIE0228 — Sample Size: 25 mL (wet)

Prepared: 05/14/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.287	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.164	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-May-2020 15:03

SO-TC-135B-051220

20E0119-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/12/2020 11:40

Instrument: Accumet AB150 Analyst: EP — Analyzed: 05/15/2020 14:20

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20E0119-02 A

Preparation Batch: BIE0260 — Sample Size: 21.05 g (wet)

Prepared: 05/15/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.62	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-May-2020 15:03

SO-TC-135C-051220

20E0119-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/12/2020 11:50

Instrument: ICP2 Analyst: SKM — Analyzed: 05/14/2020 19:40

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20E0119-03 A 02

Preparation Batch: BIE0228 — Sample Size: 25 mL (wet)

Prepared: 05/14/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.392	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.127	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-May-2020 15:03

SO-TC-135C-051220

20E0119-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/12/2020 11:50

Instrument: Accumet AB150 Analyst: EP — Analyzed: 05/15/2020 14:20

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20E0119-03 A

Preparation Batch: BIE0260 — Sample Size: 21.15 g (wet)

Prepared: 05/15/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	8.72	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
18-May-2020 15:03

TCLP Metals and Metallic Compounds - Quality Control

Batch BIE0228 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIE0228-BLK1)	Prepared: 14-May-2020 Analyzed: 14-May-2020 18:25										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-May-2020 15:03

Wet Chemistry - Quality Control

Batch BIE0260 - EPA 9045D

Instrument: Accumet AB150 Analyst: EP

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIE0260-BS1)				Prepared: 15-May-2020 Analyzed: 15-May-2020 14:20							
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BIE0260-DUP1)		**Source: 20E0119-01**		Prepared: 15-May-2020 Analyzed: 15-May-2020 14:20							
pH	8.79	0.009	0.009	pH Units		8.77			0.23	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-May-2020 15:03

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	18-May-2020 15:03

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

22 May 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20E0189	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.05.22 12:29:50 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20E0189	Turn-around Requested: 3 days	Date: 5/18/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Jeff King		No. of Coolers: 2	Cooler Temps: 24.5 °C
Client Project Name: Superlon			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C	Analysis Requested						Notes/Comments
SO-TC-136A-051820	05/18/20	10:35	Soil	1	✔	✔							
SO-TC-136B-051820	05/18/20	10:40	Soil	1	✔	✔							
SO-TC-136C-051820	05/18/20	10:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
-	Printed Name: Kenny King	Printed Name: Jacobsgaard	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/18/2020 16:46	Date & Time: 05/18/2020 1646	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-May-2020 12:21

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-136A-051820	20E0189-01	Solid	18-May-2020 10:35	18-May-2020 16:46
SO-TC-136B-051820	20E0189-02	Solid	18-May-2020 10:40	18-May-2020 16:46
SO-TC-136C-051820	20E0189-03	Solid	18-May-2020 10:45	18-May-2020 16:46

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-May-2020 12:21

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20E0189

Sample receipt

Samples as listed on the preceding page were received 18-May-2020 16:46 under ARI work order 20E0189. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20E0189-01 in batch BIE0383. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 20E0189

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1646 24.5°C

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: DOO 5206

Cooler Accepted by: JS Date: 05/18/2020 Time: 1646

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: KD Date: 5/19/20 Time: 0830 Labels checked by: KD

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20E0189

Cooler#:	Temperature(°C): 24.5°C	
Sample ID	**Bottle Count**	**Bottle Type**
Samples received		
Cubes 6°C		

Cooler#:	Temperature(°C):	
Sample ID	**Bottle Count**	**Bottle Type**

Cooler#:	Temperature(°C):	
Sample ID	**Bottle Count**	**Bottle Type**

Cooler#:	Temperature(°C):	
Sample ID	**Bottle Count**	**Bottle Type**

Completed by: [signature] Date: 05/18/2020 Time: 1646

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-May-2020 12:21

SO-TC-136A-051820

20E0189-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/18/2020 10:35

Instrument: ICP2 Analyst: SKM — Analyzed: 05/21/2020 13:38

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20E0189-01 A 02

Preparation Batch: BIE0345 — Sample Size: 25 mL (wet)

Prepared: 05/20/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.189	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0838	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-May-2020 12:21

SO-TC-136A-051820

20E0189-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/18/2020 10:35

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 05/20/2020 17:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20E0189-01 A

Preparation Batch: BIE0383 — Sample Size: 20.12 g (wet)

Prepared: 05/20/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.76	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-May-2020 12:21

SO-TC-136B-051820

20E0189-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/18/2020 10:40

Instrument: ICP2 Analyst: SKM — Analyzed: 05/21/2020 13:43

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20E0189-02 A 02

Preparation Batch: BIE0345 — Sample Size: 25 mL (wet)

Prepared: 05/20/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.291	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.130	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-May-2020 12:21

SO-TC-136B-051820

20E0189-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/18/2020 10:40

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 05/20/2020 17:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20E0189-02 A

Preparation Batch: BIE0383 — Sample Size: 20.15 g (wet)

Prepared: 05/20/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.81	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-May-2020 12:21

SO-TC-136C-051820

20E0189-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/18/2020 10:45

Instrument: ICP2 Analyst: SKM — Analyzed: 05/21/2020 13:47

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20E0189-03 A 02

Preparation Batch: BIE0345 — Sample Size: 25 mL (wet)

Prepared: 05/20/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.295	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0711	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-May-2020 12:21

SO-TC-136C-051820

20E0189-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/18/2020 10:45

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 05/20/2020 17:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20E0189-03 A

Preparation Batch: BIE0383 — Sample Size: 20 g (wet)

Prepared: 05/20/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.05	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
22-May-2020 12:21

TCLP Metals and Metallic Compounds - Quality Control

Batch BIE0345 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIE0345-BLK1)	Prepared: 20-May-2020 Analyzed: 21-May-2020 13:29										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-May-2020 12:21

Wet Chemistry - Quality Control

Batch BIE0383 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIE0383-BS1)				Prepared: 20-May-2020 Analyzed: 20-May-2020 17:30							
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BIE0383-DUP1)		**Source: 20E0189-01**		Prepared: 20-May-2020 Analyzed: 20-May-2020 17:30							
pH	6.88	0.01	0.01	pH Units		6.76			1.76	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-May-2020 12:21

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	22-May-2020 12:21

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

22 May 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20E0190	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.05.22 12:34:06 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20E0190	Turn-around Requested: 3 days	Date: 5/18/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 24.5°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-137A-051820	05/18/20	11:35	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Leite	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/18/2020 16:46	Date & Time: 05/18/2020 1646	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-May-2020 12:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-137A-051820	20E0190-01	Solid	18-May-2020 11:35	18-May-2020 16:46

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-May-2020 12:31

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20E0190

Sample receipt

One sample as listed on the preceding page was received 18-May-2020 16:46 under ARI work order 20E0190. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20E0190 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1646 24.5°C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 5206

Cooler Accepted by: JS Date: 05/18/2020 Time: 1646

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:

Was sufficient ice used (if appropriate)? NA YES (NO)

How were bottles sealed in plastic bags? Individually (Grouped) Not

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA)

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: KD Date: 5/19/2020 Time: 0645 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20E0190

Cooler#: _____ **Temperature(°C):** 24.5°C

Sample ID	Bottle Count	Bottle Type
Samples received cubic 6°c		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 05/18/2020 Time: 1646

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-May-2020 12:31

SO-TC-137A-051820

20E0190-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/18/2020 11:35

Instrument: ICP2 Analyst: SKM — Analyzed: 05/21/2020 13:52

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20E0190-01 A 02

Preparation Batch: BIE0345 — Sample Size: 25 mL (wet)

Prepared: 05/20/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.552	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.685	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-May-2020 12:31

SO-TC-137A-051820

20E0190-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/18/2020 11:35

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 05/20/2020 17:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20E0190-01 A

Preparation Batch: BIE0383 — Sample Size: 20.2 g (wet)

Prepared: 05/20/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.60	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
22-May-2020 12:31

TCLP Metals and Metallic Compounds - Quality Control

Batch BIE0345 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIE0345-BLK1)					Prepared: 20-May-2020 Analyzed: 21-May-2020 13:29						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
22-May-2020 12:31

Wet Chemistry - Quality Control

Batch BIE0383 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIE0383-BS1)				Prepared: 20-May-2020 Analyzed: 20-May-2020 17:30							
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-May-2020 12:31

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	22-May-2020 12:31

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

27 May 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20E0226	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.05.27 15:47:50 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20E0226	Turn-around Requested: 3 days	Date: 5/20/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 19.9°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C	Analysis Requested						Notes/Comments
SO-TC-138A-052020	05/20/20	15:20	Soil	1	✔	✔							
SO-TC-138B-052020	05/20/20	15:25	Soil	1	✔	✔							
SO-TC-138C-052020	05/20/20	15:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Valle	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/20/2020 16:30	Date & Time: 05/20/2020 1630	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-May-2020 15:46

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-138A-052020	20E0226-01	Solid	20-May-2020 15:20	20-May-2020 16:30
SO-TC-138B-052020	20E0226-02	Solid	20-May-2020 15:25	20-May-2020 16:30
SO-TC-138C-052020	20E0226-03	Solid	20-May-2020 15:30	20-May-2020 16:30

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-May-2020 15:46

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20E0226

Sample receipt

One sample as listed on the preceding page was received 20-May-2020 16:30 under ARI work order 20E0226. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20E0226-01 in batch BIE0454. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

Sample specific QC was performed in association with sample 20E0226-01 in batch BIE0419. The duplicate RPD and matrix spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20E0226

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 19.9c

Time 1630

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: DOO 5206

Cooler Accepted by: JA Date: 05/20/2020 Time: 1630

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: JA Date: 05/21/2020 Time: 1113 Labels checked by: JA

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20E0226

Cooler#: _____ Temperature(°C): 19.9 c

Sample ID	Bottle Count	Bottle Type
Samples received above 6°c		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 05/20/2020 Time: 1030

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-May-2020 15:46

SO-TC-138A-052020

20E0226-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/20/2020 15:20

Instrument: ICP2 Analyst: SKM — Analyzed: 05/26/2020 13:56

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20E0226-01 A 02

Preparation Batch: BIE0419 — Sample Size: 25 mL (wet)

Prepared: 05/22/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.294	mg/L	
Lead	7439-92-1	5	0.0065	0.100	1.19	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-May-2020 15:46

SO-TC-138A-052020

20E0226-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/20/2020 15:20

Instrument: Accumet AB150 Analyst: JM — Analyzed: 05/26/2020 13:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20E0226-01 A 03

Preparation Batch: BIE0454 — Sample Size: 20.02 g (wet)

Prepared: 05/26/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.64	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-May-2020 15:46

SO-TC-138B-052020

20E0226-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/20/2020 15:25

Instrument: ICP2 Analyst: SKM — Analyzed: 05/26/2020 13:23

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20E0226-02 A 02

Preparation Batch: BIE0419 — Sample Size: 25 mL (wet)

Prepared: 05/22/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.197	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.312	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-May-2020 15:46

SO-TC-138B-052020

20E0226-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/20/2020 15:25

Instrument: Accumet AB150 Analyst: JM — Analyzed: 05/26/2020 13:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20E0226-02 A 03

Preparation Batch: BIE0454 — Sample Size: 20.51 g (wet)

Prepared: 05/26/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.63	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-May-2020 15:46

SO-TC-138C-052020

20E0226-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/20/2020 15:30

Instrument: ICP2 Analyst: SKM — Analyzed: 05/26/2020 13:28

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20E0226-03 A 02

Preparation Batch: BIE0419 — Sample Size: 25 mL (wet)

Prepared: 05/22/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.117	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0291	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-May-2020 15:46

SO-TC-138C-052020

20E0226-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/20/2020 15:30

Instrument: Accumet AB150 Analyst: JM — Analyzed: 05/26/2020 13:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20E0226-03 A 03

Preparation Batch: BIE0454 — Sample Size: 20.1 g (wet)

Prepared: 05/26/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.76	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
27-May-2020 15:46

TCLP Metals and Metallic Compounds - Quality Control

Batch BIE0419 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIE0419-BLK1)					Prepared: 22-May-2020 Analyzed: 26-May-2020 13:19						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BIE0419-DUP1)		**Source: 20E0226-01**			Prepared: 22-May-2020 Analyzed: 26-May-2020 13:51						
Arsenic	0.282	0.0140	0.250	mg/L		0.294			4.00	20	
Lead	1.16	0.0065	0.100	mg/L		1.19			2.03	20	
Matrix Spike (BIE0419-MS1)		**Source: 20E0226-01**			Prepared: 22-May-2020 Analyzed: 26-May-2020 14:01						
Arsenic	4.43	0.0140	0.250	mg/L	4.00	0.294	103	75-125			
Lead	5.07	0.0065	0.100	mg/L	4.00	1.19	97.2	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-May-2020 15:46

Wet Chemistry - Quality Control

Batch BIE0454 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: JM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIE0454-BS1)				Prepared: 26-May-2020 Analyzed: 26-May-2020 13:38							
pH	6.96	0.01	0.01	pH Units	7.00		99.4	99.2-100.8			
Duplicate (BIE0454-DUP1)		**Source: 20E0226-01**		Prepared: 26-May-2020 Analyzed: 26-May-2020 13:38							
pH	8.63	0.01	0.01	pH Units		8.64			0.12	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-May-2020 15:46

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	27-May-2020 15:46

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

03 June 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20E0285	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.06.03 08:49:16 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20E0285	Turn-around Requested: 3 days	Date: 5/26/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 8	Cooler Temps: 25.8°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-139A-052620	05/26/20	15:40	Soil	1	✔	✔	
SO-TC-139B-052620	05/26/20	15:45	Soil	1	✔	✔	
SO-TC-139C-052620	05/26/20	15:50	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time
	Kenny King	Kenny King	PERC	5/26/2020 16:37		Jacob Walter	ARI	05/26/2020 1637
	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jun-2020 08:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-139A-052620	20E0285-01	Solid	26-May-2020 15:40	26-May-2020 16:37
SO-TC-139B-052620	20E0285-02	Solid	26-May-2020 15:45	26-May-2020 16:37
SO-TC-139C-052620	20E0285-03	Solid	26-May-2020 15:50	26-May-2020 16:37

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jun-2020 08:47

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20E0285

Sample receipt

Samples as listed on the preceding page were received 26-May-2020 16:37 under ARI work order 20E0285. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20E0285-01 in batch BIE0549. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

Sample specific QC was performed in association with sample 20E0285-01 in batch BIE0533. The duplicate RPD and matrix spike percent recoveries were within control limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20E0285 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1637 3.5 8°C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 52006

Cooler Accepted by: JSL Date: 05/26/2020 Time: 1637

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: [signature] Date: 5/27/2020 Time: 0902 Labels checked by: SLF

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: _____

Cooler#: _____ **Temperature(°C):** 25.8°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JJ Date: 05/26/2020 Time: 1633

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jun-2020 08:47

SO-TC-139A-052620

20E0285-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/26/2020 15:40

Instrument: ICP2 Analyst: SKM — Analyzed: 06/01/2020 14:36

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20E0285-01 A 03

Preparation Batch: BIE0533 — Sample Size: 25 mL (wet)

Prepared: 05/29/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.163	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0164	mg/L	J

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8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jun-2020 08:47

SO-TC-139A-052620

20E0285-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/26/2020 15:40

Instrument: Accumet AB150 Analyst: JM — Analyzed: 05/29/2020 15:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20E0285-01 A

Preparation Batch: BIE0549 — Sample Size: 20.24 g (wet)

Prepared: 05/29/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.83	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jun-2020 08:47

SO-TC-139B-052620

20E0285-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/26/2020 15:45

Instrument: ICP2 Analyst: SKM — Analyzed: 06/01/2020 14:18

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20E0285-02 A 03

Preparation Batch: BIE0533 — Sample Size: 25 mL (wet)

Prepared: 05/29/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.458	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.157	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jun-2020 08:47

SO-TC-139B-052620

20E0285-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/26/2020 15:45

Instrument: Accumet AB150 Analyst: JM — Analyzed: 05/29/2020 15:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20E0285-02 A

Preparation Batch: BIE0549 — Sample Size: 20.15 g (wet)

Prepared: 05/29/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.75	pH Units	

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8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jun-2020 08:47

SO-TC-139C-052620

20E0285-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/26/2020 15:50

Instrument: ICP2 Analyst: SKM — Analyzed: 06/01/2020 14:23

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20E0285-03 A 03

Preparation Batch: BIE0533 — Sample Size: 25 mL (wet)

Prepared: 05/29/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.606	mg/L	
Lead	7439-92-1	5	0.0065	0.100	1.34	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jun-2020 08:47

SO-TC-139C-052620

20E0285-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/26/2020 15:50

Instrument: Accumet AB150 Analyst: JM — Analyzed: 05/29/2020 15:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20E0285-03 A

Preparation Batch: BIE0549 — Sample Size: 20.1 g (wet)

Prepared: 05/29/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.78	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
03-Jun-2020 08:47

TCLP Metals and Metallic Compounds - Quality Control

Batch BIE0533 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIE0533-BLK1)					Prepared: 29-May-2020 Analyzed: 01-Jun-2020 14:03						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BIE0533-DUP1)		**Source: 20E0285-01**			Prepared: 29-May-2020 Analyzed: 01-Jun-2020 14:32						
Arsenic	0.161	0.0140	0.250	mg/L		0.163			1.24	20	J
Lead	0.0070	0.0065	0.100	mg/L		0.0164			80.10	20	L, J
Matrix Spike (BIE0533-MS1)		**Source: 20E0285-01**			Prepared: 29-May-2020 Analyzed: 01-Jun-2020 14:41						
Arsenic	4.50	0.0140	0.250	mg/L	4.00	0.163	109	75-125			
Lead	4.07	0.0065	0.100	mg/L	4.00	0.0164	101	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jun-2020 08:47

Wet Chemistry - Quality Control

Batch BIE0549 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: JM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIE0549-BS1)				Prepared: 29-May-2020 Analyzed: 29-May-2020 15:21							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			
Duplicate (BIE0549-DUP1)		**Source: 20E0285-01**		Prepared: 29-May-2020 Analyzed: 29-May-2020 15:21							
pH	8.79	0.01	0.01	pH Units		8.83			0.45	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jun-2020 08:47

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	03-Jun-2020 08:47

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

08 June 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20F0015	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.06.08 13:57:27 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20F0015	Turn-around Requested: 3 days	Date: 6/01/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 24.5°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

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Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-140A-060120	06/01/20	10:35	Soil	1	✔	✔	
SO-TC-140B-060120	06/01/20	10:40	Soil	1	✔	✔	
SO-TC-140C-060120	06/01/20	10:45	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/1/2020 16:35	Date & Time: 06/01/2020 1635	Date & Time:	Date & Time:

Limits of Liability: ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 13:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-140A-060120	20F0015-01	Solid	01-Jun-2020 10:35	01-Jun-2020 16:35
SO-TC-140B-060120	20F0015-02	Solid	01-Jun-2020 10:40	01-Jun-2020 16:35
SO-TC-140C-060120	20F0015-03	Solid	01-Jun-2020 10:45	01-Jun-2020 16:35

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 13:54

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20F0015

Sample receipt

Samples as listed on the preceding page were received 01-Jun-2020 16:35 under ARI work order 20F0015. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH- EPA 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20F0015-01. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: ____

Assigned ARI Job No: 20F0015 Tracking No: ____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1635 2.5°C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00530

Cooler Accepted by: JSm Date: 06/01/2020 Time: 1635

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: ____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)	____	

Were the sample(s) split by ARI? (NA) YES Date/Time: ____ Equipment: ____ Split by: ____

Samples Logged by: JSm Date: 06/01/2020 Time: 1653 Labels checked by: JSm

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20F0015

Cooler#: _____ **Temperature(°C):** 24.5°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 06/01/2020 Time: 1635

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 13:54

SO-TC-140A-060120

20F0015-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/01/2020 10:35

Instrument: ICP2 Analyst: SKM — Analyzed: 06/05/2020 13:16

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0015-01 A 03

Preparation Batch: BIF0111 — Sample Size: 25 mL (wet)

Prepared: 06/04/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.639	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.515	mg/L	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 13:54

SO-TC-140A-060120

20F0015-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/01/2020 10:35

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 06/04/2020 14:30

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20F0015-01 A

Preparation Batch: BIF0123 — Sample Size: 20.278 g (wet)

Prepared: 06/04/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.63	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 13:54

SO-TC-140B-060120

20F0015-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/01/2020 10:40

Instrument: ICP2 Analyst: SKM — Analyzed: 06/05/2020 12:49

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0015-02 A 03

Preparation Batch: BIF0111 — Sample Size: 25 mL (wet)

Prepared: 06/04/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.435	mg/L	
Lead	7439-92-1	5	0.0065	0.100	1.39	mg/L	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 13:54

SO-TC-140B-060120

20F0015-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/01/2020 10:40

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 06/04/2020 14:30

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20F0015-02 A

Preparation Batch: BIF0123 — Sample Size: 20.245 g (wet)

Prepared: 06/04/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.37	pH Units	

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Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 13:54

SO-TC-140C-060120

20F0015-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/01/2020 10:45

Instrument: ICP2 Analyst: SKM — Analyzed: 06/05/2020 12:53

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0015-03 A 03

Preparation Batch: BIF0111 — Sample Size: 25 mL (wet)

Prepared: 06/04/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.607	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.671	mg/L	

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 13:54

SO-TC-140C-060120

20F0015-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/01/2020 10:45

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 06/04/2020 14:30

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20F0015-03 A

Preparation Batch: BIF0123 — Sample Size: 20.137 g (wet)

Prepared: 06/04/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.68	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 13:54

TCLP Metals and Metallic Compounds - Quality Control

Batch BIF0111 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIF0111-BLK1)					Prepared: 04-Jun-2020 Analyzed: 05-Jun-2020 12:44						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BIF0111-DUP1)		**Source: 20F0015-01**			Prepared: 04-Jun-2020 Analyzed: 05-Jun-2020 13:11						
Arsenic	0.631	0.0140	0.250	mg/L		0.639			1.32	20	
Lead	0.503	0.0065	0.100	mg/L		0.515			2.35	20	
Matrix Spike (BIF0111-MS1)		**Source: 20F0015-01**			Prepared: 04-Jun-2020 Analyzed: 05-Jun-2020 13:20						
Arsenic	4.72	0.0140	0.250	mg/L	4.00	0.639	102	75-125			
Lead	4.45	0.0065	0.100	mg/L	4.00	0.515	98.4	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 13:54

Wet Chemistry - Quality Control

Batch BIF0123 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIF0123-BS1)				Prepared: 04-Jun-2020 Analyzed: 04-Jun-2020 14:30							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			
Duplicate (BIF0123-DUP1)		**Source: 20F0015-01**		Prepared: 04-Jun-2020 Analyzed: 04-Jun-2020 14:30							
pH	6.66	0.01	0.01	pH Units		6.63			0.45	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 13:54

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	08-Jun-2020 13:54

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

08 June 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20F0051	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.06.08 14:02:54 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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Accredited in accordance with nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20G0051	Turn-around Requested: 3 days	Date: 6/02/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 23.1°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-141A-060220	06/02/20	13:45	Soil	1	✔	✔							
SO-TC-141B-060220	06/02/20	13:50	Soil	1	✔	✔							
SO-TC-141C-060220	06/02/20	13:55	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	6/2/2020 16:29		Sandvalter	ARI	06/02/2020 1629								

Limits of Liability: ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 14:01

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-141A-060220	20F0051-01	Solid	02-Jun-2020 13:45	02-Jun-2020 16:29
SO-TC-141B-060220	20F0051-02	Solid	02-Jun-2020 13:50	02-Jun-2020 16:29
SO-TC-141C-060220	20F0051-03	Solid	02-Jun-2020 13:55	02-Jun-2020 16:29

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 14:01

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20F0051

Sample receipt

Samples as listed on the preceding page were received 02-Jun-2020 16:29 under ARI work order 20F0051. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PGAC

Project Name: Superlon Plastics

COC No(s): (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20E0051

Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1629 23.1°C

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00 5306

Cooler Accepted by: JB Date: 06/03/2020 Time: 1629

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: JB Date: 06/03/2020 Time: 1711 Labels checked by: JB

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: J06C005I

Cooler#: _____ **Temperature(°C):** 23.1°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 06/02/2020 Time: 1629

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 14:01

SO-TC-141A-060220

20F0051-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/02/2020 13:45

Instrument: ICP2 Analyst: SKM — Analyzed: 06/05/2020 12:58

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0051-01 A 03

Preparation Batch: BIF0111 — Sample Size: 25 mL (wet)

Prepared: 06/04/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.216	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0547	mg/L	J

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 14:01

SO-TC-141A-060220

20F0051-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/02/2020 13:45

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 06/04/2020 14:30

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20F0051-01 A

Preparation Batch: BIF0123 — Sample Size: 20.416 g (wet)

Prepared: 06/04/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.33	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 14:01

SO-TC-141B-060220

20F0051-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/02/2020 13:50

Instrument: ICP2 Analyst: SKM — Analyzed: 06/05/2020 13:02

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0051-02 A 03

Preparation Batch: BIF0111 — Sample Size: 25 mL (wet)

Prepared: 06/04/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.290	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.479	mg/L	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 14:01

SO-TC-141B-060220

20F0051-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/02/2020 13:50

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 06/04/2020 14:30

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20F0051-02 A

Preparation Batch: BIF0123 — Sample Size: 21.402 g (wet)

Prepared: 06/04/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	7.93	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 14:01

SO-TC-141C-060220

20F0051-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/02/2020 13:55

Instrument: ICP2 Analyst: SKM — Analyzed: 06/05/2020 13:07

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0051-03 A 02

Preparation Batch: BIF0111 — Sample Size: 25 mL (wet)

Prepared: 06/04/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.325	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.176	mg/L	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 14:01

SO-TC-141C-060220

20F0051-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/02/2020 13:55

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 06/04/2020 14:30

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20F0051-03 A

Preparation Batch: BIF0123 — Sample Size: 21.809 g (wet)

Prepared: 06/04/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	8.44	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
08-Jun-2020 14:01

TCLP Metals and Metallic Compounds - Quality Control

Batch BIF0111 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIF0111-BLK1)					Prepared: 04-Jun-2020 Analyzed: 05-Jun-2020 12:44						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 14:01

Wet Chemistry - Quality Control

Batch BIF0123 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIF0123-BS1)				Prepared: 04-Jun-2020 Analyzed: 04-Jun-2020 14:30							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 14:01

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	08-Jun-2020 14:01

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

08 June 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20F0061	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.06.08 14:08:43 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

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nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20F0061	Turn-around Requested: 3 days	Date: 6/03/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 26.4°c
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C	Analysis Requested						Notes/Comments
SO-TC-142A-060320	06/03/20	15:30	Soil	1	✔	✔							
SO-TC-142B-060320	06/03/20	15:35	Soil	1	✔	✔							
SO-TC-142C-060320	06/03/20	15:40	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/3/2020 16:37	Date & Time: 06/03/2020 1637	Date & Time:	Date & Time:

Limits of Liability: ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 14:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-142A-060320	20F0061-01	Solid	03-Jun-2020 15:30	03-Jun-2020 16:37
SO-TC-142B-060320	20F0061-02	Solid	03-Jun-2020 15:35	03-Jun-2020 16:37
SO-TC-142C-060320	20F0061-03	Solid	03-Jun-2020 15:40	03-Jun-2020 16:37

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 14:06

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20F0061

Sample receipt

Samples as listed on the preceding page were received 03-Jun-2020 16:37 under ARI work order 20F0061. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Cooler Receipt Form

ARI Client: Perc — Project Name: Superior Plastics

COC No(s): F (NA) — Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 20700061 — Tracking No: _____ (NA)

Preliminary Examination Phase: SLF 6/4/2020

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 26.4°C

Time 1637

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: DOO 5266

Cooler Accepted by: JJ — Date: 06/03/2020 — Time: 1637

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)	_____	

Were the sample(s) split by ARI? (NA) YES — Date/Time: _____ — Equipment: _____ — Split by: _____

Samples Logged by: [signature] — Date: 4/4/2020 — Time: 0857 — Labels checked by: SLF

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20F0061

Cooler#: 1 Temperature(°C): 26.4

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: [signature] Date: 6/4/2020 Time: 0950

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 14:06

SO-TC-142A-060320

20F0061-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/03/2020 15:30

Instrument: ICP2 Analyst: SKM — Analyzed: 06/05/2020 17:16

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0061-01 A 03

Preparation Batch: BIF0141 — Sample Size: 25 mL (wet)

Prepared: 06/05/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.186	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0323	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 14:06

SO-TC-142A-060320

20F0061-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/03/2020 15:30

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 06/04/2020 14:30

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20F0061-01 A

Preparation Batch: BIF0123 — Sample Size: 20.834 g (wet)

Prepared: 06/04/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.56	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 14:06

SO-TC-142B-060320

20F0061-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/03/2020 15:35

Instrument: ICP2 Analyst: SKM — Analyzed: 06/05/2020 17:21

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0061-02 A 03

Preparation Batch: BIF0141 — Sample Size: 25 mL (wet)

Prepared: 06/05/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.318	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.587	mg/L	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 14:06

SO-TC-142B-060320

20F0061-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/03/2020 15:35

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 06/04/2020 14:30

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20F0061-02 A

Preparation Batch: BIF0123 — Sample Size: 20.237 g (wet)

Prepared: 06/04/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.54	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 14:06

SO-TC-142C-060320

20F0061-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/03/2020 15:40

Instrument: ICP2 Analyst: SKM — Analyzed: 06/05/2020 17:25

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0061-03 A 03

Preparation Batch: BIF0141 — Sample Size: 25 mL (wet)

Prepared: 06/05/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.158	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0647	mg/L	J

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 14:06

SO-TC-142C-060320

20F0061-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/03/2020 15:40

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 06/04/2020 14:30

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20F0061-03 A

Preparation Batch: BIF0123 — Sample Size: 20.072 g (wet)

Prepared: 06/04/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.67	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
08-Jun-2020 14:06

TCLP Metals and Metallic Compounds - Quality Control

Batch BIF0141 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIF0141-BLK1)					Prepared: 05-Jun-2020 Analyzed: 05-Jun-2020 17:12						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 14:06

Wet Chemistry - Quality Control

Batch BIF0123 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIF0123-BS1)				Prepared: 04-Jun-2020 Analyzed: 04-Jun-2020 14:30							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Jun-2020 14:06

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	08-Jun-2020 14:06

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

15 June 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20F0127	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.06.15 15:10:38 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20F0127	Turn-around Requested: 5 days	Date: 6/08/2020	
ARI Client Company: PERC	Phone: 425-238-2212	Page: of	
Client Contact: Jeff King		No. of Coolers: 1	Cooler Temps: 29.7c
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-143A-060820	06/08/20	11:33	Soil	1	✔	✔							
SO-TC-143B-060820	06/08/20	11:41	Soil	1	✔	✔							
SO-TC-143C-060820	06/08/20	11:44	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Jeff King	Printed Name: Jacobsalite	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/8/2020 16:02	Date & Time: 06/08/2020 1602	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Jun-2020 15:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-143A-060820	20F0127-01	Solid	08-Jun-2020 11:33	08-Jun-2020 16:02
SO-TC-143B-060820	20F0127-02	Solid	08-Jun-2020 11:41	08-Jun-2020 16:02
SO-TC-143C-060820	20F0127-03	Solid	08-Jun-2020 11:44	08-Jun-2020 16:02

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Jun-2020 15:05

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20F0127

Sample receipt

Samples as listed on the preceding page were received 08-Jun-2020 16:02 under ARI work order 20F0127. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

Sample specific QC was performed in association with sample 20F0127-01 in batch BIF0308. The duplicate RPD and matrix spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20F0127 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1602 28.7°C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00506

Cooler Accepted by: JJm Date: 06/08/2020 Time: 1602

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JJm Date: 06/08/2020 Time: 1609 Labels checked by: JJm

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20F0127

Cooler#: _____ **Temperature(°C):** 29.7°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 06/08/2020 Time: 1602

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Jun-2020 15:05

SO-TC-143A-060820

20F0127-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/08/2020 11:33

Instrument: ICP2 Analyst: SKM — Analyzed: 06/11/2020 19:38

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0127-01 A 03

Preparation Batch: BIF0308 — Sample Size: 25 mL (wet)

Prepared: 06/11/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	1.61	mg/L	
Lead	7439-92-1	5	0.0065	0.100	1.52	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Jun-2020 15:05

SO-TC-143A-060820

20F0127-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/08/2020 11:33

Instrument: Accumet AB150 Analyst: JM — Analyzed: 06/09/2020 16:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20F0127-01 A

Preparation Batch: BIF0224 — Sample Size: 20.22 g (wet)

Prepared: 06/09/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.61	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Jun-2020 15:05

SO-TC-143B-060820

20F0127-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/08/2020 11:41

Instrument: ICP2 Analyst: SKM — Analyzed: 06/11/2020 20:13

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0127-02 A 03

Preparation Batch: BIF0308 — Sample Size: 25 mL (wet)

Prepared: 06/11/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.184	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	1.06	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Jun-2020 15:05

SO-TC-143B-060820

20F0127-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/08/2020 11:41

Instrument: Accumet AB150 Analyst: JM — Analyzed: 06/09/2020 16:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20F0127-02 A

Preparation Batch: BIF0224 — Sample Size: 20.09 g (wet)

Prepared: 06/09/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.70	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Jun-2020 15:05

SO-TC-143C-060820

20F0127-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/08/2020 11:44

Instrument: ICP2 Analyst: SKM — Analyzed: 06/11/2020 20:18

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0127-03 A 03

Preparation Batch: BIF0308 — Sample Size: 25 mL (wet)

Prepared: 06/11/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.129	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.511	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Jun-2020 15:05

SO-TC-143C-060820

20F0127-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/08/2020 11:44

Instrument: Accumet AB150 Analyst: JM — Analyzed: 06/09/2020 16:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20F0127-03 A

Preparation Batch: BIF0224 — Sample Size: 20.76 g (wet)

Prepared: 06/09/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.67	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
15-Jun-2020 15:05

TCLP Metals and Metallic Compounds - Quality Control

Batch BIF0308 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIF0308-BLK1)				Prepared: 11-Jun-2020 Analyzed: 11-Jun-2020 19:20							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BIF0308-DUP1)		**Source: 20F0127-01**		Prepared: 11-Jun-2020 Analyzed: 11-Jun-2020 19:34							
Arsenic	1.60	0.0140	0.250	mg/L		1.61			0.05	20	
Lead	1.50	0.0065	0.100	mg/L		1.52			1.17	20	
Matrix Spike (BIF0308-MS1)		**Source: 20F0127-01**		Prepared: 11-Jun-2020 Analyzed: 11-Jun-2020 19:43							
Arsenic	5.63	0.0140	0.250	mg/L	4.00	1.61	101	75-125			
Lead	5.21	0.0065	0.100	mg/L	4.00	1.52	92.2	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
15-Jun-2020 15:05

Wet Chemistry - Quality Control

Batch BIF0224 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: JM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIF0224-BS1)				Prepared: 09-Jun-2020 Analyzed: 09-Jun-2020 16:02							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Jun-2020 15:05

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	15-Jun-2020 15:05

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

15 June 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20F0152	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.06.15 15:18:12 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20F0152	Turn-around Requested: 3 days	Date: 6/09/2020	
ARI Client Company: PERC	Phone: 425-238-2212	Page: of	
Client Contact: Jeff King		No. of Coolers: 0	Cooler Temps: 21.4
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-144A-060920	06/09/20	14:35	Soil	1	✔	✔							
SO-TC-144B-060920	06/09/20	14:50	Soil	1	✔	✔							
SO-TC-144C-060920	06/09/20	14:56	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Kenny Dang	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/9/2020 4:35	Date & Time: 6/9/2020 1639	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Jun-2020 15:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-144A-060920	20F0152-01	Solid	09-Jun-2020 14:35	09-Jun-2020 16:35
SO-TC-144B-060920	20F0152-02	Solid	09-Jun-2020 14:50	09-Jun-2020 16:35
SO-TC-144C-060920	20F0152-03	Solid	09-Jun-2020 14:56	09-Jun-2020 16:35

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Jun-2020 15:13

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20F0152

Sample receipt

Samples as listed on the preceding page were received 09-Jun-2020 16:35 under ARI work order 20F0152. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 20F0152
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1635 — 21.4

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: D00576

Cooler Accepted by: KD Date: 6/9/2020 Time: 1635

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: JM Date: 06/09/2020 Time: 1725 Labels checked by: JM

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20F0152

Cooler#: 1 Temperature(°C): 21.4

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: KD Date: 6/9/2020 Time: 1640

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Jun-2020 15:13

SO-TC-144A-060920

20F0152-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/09/2020 14:35

Instrument: ICP2 Analyst: SKM — Analyzed: 06/11/2020 20:22

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0152-01 A 02

Preparation Batch: BIF0308 — Sample Size: 25 mL (wet)

Prepared: 06/11/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.117	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.100	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Jun-2020 15:13

SO-TC-144A-060920

20F0152-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/09/2020 14:35

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 06/12/2020 11:52

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20F0152-01 A

Preparation Batch: BIF0361 — Sample Size: 20.1 g (wet)

Prepared: 06/12/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.32	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Jun-2020 15:13

SO-TC-144B-060920

20F0152-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/09/2020 14:50

Instrument: ICP2 Analyst: SKM — Analyzed: 06/11/2020 20:27

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0152-02 A 02

Preparation Batch: BIF0308 — Sample Size: 25 mL (wet)

Prepared: 06/11/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.124	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0799	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Jun-2020 15:13

SO-TC-144B-060920

20F0152-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/09/2020 14:50

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 06/12/2020 11:52

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20F0152-02 A

Preparation Batch: BIF0361 — Sample Size: 20.36 g (wet)

Prepared: 06/12/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.59	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Jun-2020 15:13

SO-TC-144C-060920

20F0152-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/09/2020 14:56

Instrument: ICP2 Analyst: SKM — Analyzed: 06/11/2020 20:31

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0152-03 A 02

Preparation Batch: BIF0308 — Sample Size: 25 mL (wet)

Prepared: 06/11/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.108	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.123	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Jun-2020 15:13

SO-TC-144C-060920

20F0152-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/09/2020 14:56

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 06/12/2020 11:52

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20F0152-03 A

Preparation Batch: BIF0361 — Sample Size: 20.06 g (wet)

Prepared: 06/12/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.60	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
15-Jun-2020 15:13

TCLP Metals and Metallic Compounds - Quality Control

Batch BIF0308 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIF0308-BLK1)					Prepared: 11-Jun-2020 Analyzed: 11-Jun-2020 19:20						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
15-Jun-2020 15:13

Wet Chemistry - Quality Control

Batch BIF0361 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIF0361-BS1)				Prepared: 12-Jun-2020 Analyzed: 12-Jun-2020 11:52							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Jun-2020 15:13

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	15-Jun-2020 15:13

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

26 June 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20F0310	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.06.26 13:51:41 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20F0310	Turn-around Requested: 3 days	Date: 6/17/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 31.4°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-146A-061720	06/17/20	11:55	Soil	1	✔	✔	
SO-TC-146B-061720	06/17/20	12:00	Soil	1	✔	✔	
SO-TC-146C-061720	06/17/20	12:05	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
-	Printed Name: JEFF KING	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/17/2020 4:16	Date & Time: 06/17/2020 1616	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jun-2020 13:49

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-146A-061720	20F0310-01	Solid	17-Jun-2020 11:55	17-Jun-2020 16:16
SO-TC-146B-061720	20F0310-02	Solid	17-Jun-2020 12:00	17-Jun-2020 16:16
SO-TC-146C-061720	20F0310-03	Solid	17-Jun-2020 12:05	17-Jun-2020 16:16

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jun-2020 13:49

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20F0310

Sample receipt

Samples as listed on the preceding page were received 17-Jun-2020 16:16 under ARI work order 20F0310. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20F0310 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1616 31.4°C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 5006

Cooler Accepted by: JM Date: 06/17/2020 Time: 1616

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: [signature] Date: 6/17/2020 Time: 1618 Labels checked by: SLF

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20F0310

Cooler#: _____ **Temperature(°C):** 11.4°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 06/17/2020 Time: 1616

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jun-2020 13:49

SO-TC-146A-061720

20F0310-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/17/2020 11:55

Instrument: ICP2 Analyst: TCH — Analyzed: 06/26/2020 00:55

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0310-01 A 03

Preparation Batch: BIF0652 — Sample Size: 25 mL (wet)

Prepared: 06/23/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.198	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.322	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jun-2020 13:49

SO-TC-146A-061720

20F0310-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/17/2020 11:55

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 06/22/2020 14:08

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20F0310-01 A

Preparation Batch: BIF0621 — Sample Size: 20.125 g (wet)

Prepared: 06/22/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.51	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jun-2020 13:49

SO-TC-146B-061720

20F0310-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/17/2020 12:00

Instrument: ICP2 Analyst: TCH — Analyzed: 06/26/2020 00:59

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0310-02 A 03

Preparation Batch: BIF0652 — Sample Size: 25 mL (wet)

Prepared: 06/23/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0954	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.121	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jun-2020 13:49

SO-TC-146B-061720

20F0310-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/17/2020 12:00

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 06/22/2020 14:08

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20F0310-02 A

Preparation Batch: BIF0621 — Sample Size: 20.307 g (wet)

Prepared: 06/22/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.70	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jun-2020 13:49

SO-TC-146C-061720

20F0310-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/17/2020 12:05

Instrument: ICP2 Analyst: TCH — Analyzed: 06/26/2020 01:04

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0310-03 A 03

Preparation Batch: BIF0652 — Sample Size: 25 mL (wet)

Prepared: 06/23/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0893	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0276	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jun-2020 13:49

SO-TC-146C-061720

20F0310-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/17/2020 12:05

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 06/22/2020 14:08

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20F0310-03 A

Preparation Batch: BIF0621 — Sample Size: 20.205 g (wet)

Prepared: 06/22/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.87	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
26-Jun-2020 13:49

TCLP Metals and Metallic Compounds - Quality Control

Batch BIF0652 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIF0652-BLK1)				Prepared: 23-Jun-2020 Analyzed: 25-Jun-2020 23:27							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0104	0.0065	0.100	mg/L							J

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
26-Jun-2020 13:49

Wet Chemistry - Quality Control

Batch BIF0621 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIF0621-BS1)				Prepared: 22-Jun-2020 Analyzed: 22-Jun-2020 14:08							
pH	6.96	0.01	0.01	pH Units	7.00		99.4	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jun-2020 13:49

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	26-Jun-2020 13:49

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

26 June 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20F0367	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.06.26 13:58:20 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Accredited in accordance with nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20F0367	Turn-around Requested: 3 days	Date: 6/22/2020	
ARI Client Company: PERC	Phone: 425-238-2212	Page: of	
Client Contact: Jeff King		No. of Coolers: 0	Cooler Temps: 27.9
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C	Analysis Requested						Notes/Comments
SO-TC-147A-062220	06/22/20	15:47	Soil	1	✔	✔							
SO-TC-147B-062220	06/22/20	15:52	Soil	1	✔	✔							
SO-TC-147C-062220	06/22/20	15:57	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Kenny Dong	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/22/2020 4:42	Date & Time: 6/22/20 1643	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jun-2020 13:56

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-147A	20F0367-01	Solid	22-Jun-2020 15:47	22-Jun-2020 16:42
SO-TC-147B	20F0367-02	Solid	22-Jun-2020 15:52	22-Jun-2020 16:42
SO-TC-147C	20F0367-03	Solid	22-Jun-2020 15:57	22-Jun-2020 16:42

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jun-2020 13:56

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20F0367

Sample receipt

Samples as listed on the preceding page were received 22-Jun-2020 16:42 under ARI work order 20F0367. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20F0367-01 in batch BIF0702. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

COC No(s): NA

Assigned ARI Job No: 20F0367

Project Name: Superior Plastics

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1642 27.4

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00526G

Cooler Accepted by: KO Date: 6/22/2020 Time: 1647

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? KO		YES	NO
What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	NA
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 6/23/2020 Time: 0738 Labels checked by: SLF

** *Notify Project Manager of discrepancies or concerns* **

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20F0367

Cooler#: 0 Temperature(°C): 27.4

Sample ID	Bottle Count	Bottle Type
samples received above 6°C		

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: KD Date: 6/22/20 Time: 1642

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jun-2020 13:56

SO-TC-147A

20F0367-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/22/2020 15:47

Instrument: ICP2 Analyst: TCH — Analyzed: 06/26/2020 01:13

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0367-01 A 03

Preparation Batch: BIF0703 — Sample Size: 25 mL (wet)

Prepared: 06/24/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0385	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0095	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jun-2020 13:56

SO-TC-147A

20F0367-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/22/2020 15:47

Instrument: Accumet AB150 Analyst: JM — Analyzed: 06/24/2020 12:03

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20F0367-01 A 01

Preparation Batch: BIF0702 — Sample Size: 20.38 g (wet)

Prepared: 06/24/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.50	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jun-2020 13:56

SO-TC-147B

20F0367-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/22/2020 15:52

Instrument: ICP2 Analyst: TCH — Analyzed: 06/26/2020 01:17

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0367-02 A 02

Preparation Batch: BIF0703 — Sample Size: 25 mL (wet)

Prepared: 06/24/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.185	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0801	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jun-2020 13:56

SO-TC-147B

20F0367-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/22/2020 15:52
Instrument: Accumet AB150 Analyst: JM — Analyzed: 06/24/2020 12:03

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20F0367-02 A 01
Preparation Batch: BIF0702 — Sample Size: 20.11 g (wet)
Prepared: 06/24/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.41	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jun-2020 13:56

SO-TC-147C

20F0367-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/22/2020 15:57

Instrument: ICP2 Analyst: TCH — Analyzed: 06/26/2020 01:22

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0367-03 A 02

Preparation Batch: BIF0703 — Sample Size: 25 mL (wet)

Prepared: 06/24/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.224	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0628	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jun-2020 13:56

SO-TC-147C

20F0367-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/22/2020 15:57

Instrument: Accumet AB150 Analyst: JM — Analyzed: 06/24/2020 12:03

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20F0367-03 A 01

Preparation Batch: BIF0702 — Sample Size: 20.3 g (wet)

Prepared: 06/24/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.43	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
26-Jun-2020 13:56

TCLP Metals and Metallic Compounds - Quality Control

Batch BIF0703 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIF0703-BLK1)					Prepared: 24-Jun-2020 Analyzed: 26-Jun-2020 00:41						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jun-2020 13:56

Wet Chemistry - Quality Control

Batch BIF0702 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: JM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIF0702-BS1)				Prepared: 24-Jun-2020 Analyzed: 24-Jun-2020 12:03							
pH	6.96	0.01	0.01	pH Units	7.00		99.4	99.2-100.8			
Duplicate (BIF0702-DUP1)		**Source: 20F0367-01**		Prepared: 24-Jun-2020 Analyzed: 24-Jun-2020 12:03							
pH	8.51	0.01	0.01	pH Units		8.50			0.12	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Jun-2020 13:56

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	26-Jun-2020 13:56

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

29 June 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20F0384	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.06.29 14:04:08 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20F0384	Turn-around Requested: 3 days	Date: 6/23/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 0	Cooler Temps: 29.9
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-148A-062320	06/23/20	15:00	Soil	1	✔	✔	
SO-TC-148B-062320	06/23/20	15:05	Soil	1	✔	✔	
SO-TC-148C-062320	06/23/20	15:10	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	6/23/20 16:41		Kenny Dong	PERC	6/23/2020 1641								

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jun-2020 14:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-148A-062320	20F0384-01	Solid	23-Jun-2020 15:00	23-Jun-2020 16:41
SO-TC-148B-062320	20F0384-02	Solid	23-Jun-2020 15:05	23-Jun-2020 16:41
SO-TC-148C-062320	20F0384-03	Solid	23-Jun-2020 15:10	23-Jun-2020 16:41

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jun-2020 14:00

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20F0384

Sample receipt

Samples as listed on the preceding page were received 23-Jun-2020 16:41 under ARI work order 20F0384. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Blastics

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 20F0384

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1641 29.9

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: DOO SZ06

Cooler Accepted by: KD Date: 6/23/2020 Time: 1641

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice (Gel Packs) Baggies Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JJm Date: 06/23/2020 Time: 1706 Labels checked by: JJm

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20F0384

Cooler#: 1 **Temperature(°C):** 29.9

Sample ID	Bottle Count	Bottle Type
samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: KD Date: 6/23/2020 Time: 1641

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jun-2020 14:00

SO-TC-148A-062320

20F0384-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/23/2020 15:00

Instrument: ICP2 Analyst: TCH — Analyzed: 06/26/2020 21:03

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0384-01 A 03

Preparation Batch: BIF0742 — Sample Size: 25 mL (wet)

Prepared: 06/25/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	1.88	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.253	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jun-2020 14:00

SO-TC-148A-062320

20F0384-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/23/2020 15:00

Instrument: Accumet AB150 Analyst: JM — Analyzed: 06/24/2020 12:03

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20F0384-01 A 01

Preparation Batch: BIF0702 — Sample Size: 20.13 g (wet)

Prepared: 06/24/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.41	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jun-2020 14:00

SO-TC-148B-062320

20F0384-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/23/2020 15:05

Instrument: ICP2 Analyst: TCH — Analyzed: 06/26/2020 21:08

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0384-02 A 03

Preparation Batch: BIF0742 — Sample Size: 25 mL (wet)

Prepared: 06/25/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.822	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.107	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jun-2020 14:00

SO-TC-148B-062320

20F0384-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/23/2020 15:05

Instrument: Accumet AB150 Analyst: JM — Analyzed: 06/24/2020 12:03

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20F0384-02 A 01

Preparation Batch: BIF0702 — Sample Size: 20.92 g (wet)

Prepared: 06/24/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.54	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jun-2020 14:00

SO-TC-148C-062320

20F0384-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/23/2020 15:10

Instrument: ICP2 Analyst: TCH — Analyzed: 06/26/2020 21:22

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0384-03 A 03

Preparation Batch: BIF0742 — Sample Size: 25 mL (wet)

Prepared: 06/25/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.217	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0782	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jun-2020 14:00

SO-TC-148C-062320

20F0384-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/23/2020 15:10

Instrument: Accumet AB150 Analyst: JM — Analyzed: 06/24/2020 12:03

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20F0384-03 A 01

Preparation Batch: BIF0702 — Sample Size: 20.22 g (wet)

Prepared: 06/24/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.61	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
29-Jun-2020 14:00

TCLP Metals and Metallic Compounds - Quality Control

Batch BIF0742 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIF0742-BLK1)					Prepared: 25-Jun-2020 Analyzed: 25-Jun-2020 22:19						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
29-Jun-2020 14:00

Wet Chemistry - Quality Control

Batch BIF0702 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: JM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIF0702-BS1)				Prepared: 24-Jun-2020 Analyzed: 24-Jun-2020 12:03							
pH	6.96	0.01	0.01	pH Units	7.00		99.4	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jun-2020 14:00

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jun-2020 14:00

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

07 July 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20F0429	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.07.07 09:12:56 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20F0429	Turn-around Requested: 10 days	Date: 6/25/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 25.6°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-149A-062520	06/25/20	11:10	Soil	1	✔	✔	
SO-TC-149B-062520	06/25/20	11:15	Soil	1	✔	✔	
SO-TC-149C-062520	06/25/20	11:20	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
-	Printed Name: Kenny King	Printed Name: Jacob Haltz	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/25/2020 12:38	Date & Time: 06/25/2020 1238	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

07 July 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20F0484	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.07.07 14:07:29 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

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Analytical Resources, Inc.

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nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20F0484	Turn-around Requested: ~~5~~ days	Date: 6/29/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 26.5
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-150A-062920	06/29/20	15:20	Soil	1	✔	✔							
SO-TC-150B-062920	06/29/20	15:25	Soil	1	✔	✔							
SO-TC-150C-062920	06/29/20	15:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Shelly L Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/29/20 16:39	Date & Time: 6/29/2020 1639	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to AR. will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Jul-2020 14:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-150A-062920	20F0484-01	Solid	29-Jun-2020 15:20	29-Jun-2020 16:39
SO-TC-150B-062920	20F0484-02	Solid	29-Jun-2020 15:25	29-Jun-2020 16:39
SO-TC-150C-062920	20F0484-03	Solid	29-Jun-2020 15:30	29-Jun-2020 16:39

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Jul-2020 14:04

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20F0484

Sample receipt

Samples as listed on the preceding page were received 29-Jun-2020 16:39 under ARI work order 20F0484. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH- EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

Sample specific QC was performed in association with sample 20F0484-01 in batch BIG0041. The duplicate RPD and matrix spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: SLON

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 20F0484 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 2.6.5

Time 1639

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DOO 5206

Cooler Accepted by: _____ Date: 6/29/2020 Time: 1639

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: none			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: _____ Date: 6/29/2020 Time: 1645 Labels checked by: SLF

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20F0484

Cooler#: 1 Temperature(°C): 26.5

Sample ID	Bottle Count	Bottle Type
all samples above 6.0°C		all jars

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

N/A

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: Date: 6/29/2020 Time: 1639

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Jul-2020 14:04

SO-TC-150A-062920

20F0484-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/29/2020 15:20

Instrument: ICP2 Analyst: TCH — Analyzed: 07/06/2020 14:00

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0484-01 A 02

Preparation Batch: BIG0041 — Sample Size: 25 mL (wet)

Prepared: 07/02/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0590	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Jul-2020 14:04

SO-TC-150A-062920

20F0484-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/29/2020 15:20

Instrument: Accumet AB150 Analyst: JM — Analyzed: 07/06/2020 15:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20F0484-01 A 03

Preparation Batch: BIG0102 — Sample Size: 20.14 g (wet)

Prepared: 07/06/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.19	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Jul-2020 14:04

SO-TC-150B-062920

20F0484-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/29/2020 15:25

Instrument: ICP2 Analyst: TCH — Analyzed: 07/06/2020 13:46

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0484-02 A 02

Preparation Batch: BIG0041 — Sample Size: 25 mL (wet)

Prepared: 07/02/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0902	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0192	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Jul-2020 14:04

SO-TC-150B-062920

20F0484-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/29/2020 15:25

Instrument: Accumet AB150 Analyst: JM — Analyzed: 07/06/2020 15:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20F0484-02 A 03

Preparation Batch: BIG0102 — Sample Size: 20.12 g (wet)

Prepared: 07/06/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.14	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Jul-2020 14:04

SO-TC-150C-062920

20F0484-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/29/2020 15:30

Instrument: ICP2 Analyst: TCH — Analyzed: 07/06/2020 13:51

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0484-03 A 02

Preparation Batch: BIG0041 — Sample Size: 25 mL (wet)

Prepared: 07/02/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.133	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Jul-2020 14:04

SO-TC-150C-062920

20F0484-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/29/2020 15:30

Instrument: Accumet AB150 Analyst: JM — Analyzed: 07/06/2020 15:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20F0484-03 A 03

Preparation Batch: BIG0102 — Sample Size: 2029 g (wet)

Prepared: 07/06/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.0001	0.0001	9.20	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
07-Jul-2020 14:04

TCLP Metals and Metallic Compounds - Quality Control

Batch BIG0041 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIG0041-BLK1)				Prepared: 02-Jul-2020 Analyzed: 06-Jul-2020 13:24							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BIG0041-DUP1)		**Source: 20F0484-01**		Prepared: 02-Jul-2020 Analyzed: 06-Jul-2020 13:55							
Arsenic	0.0520	0.0140	0.250	mg/L		0.0590			12.50	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BIG0041-MS1)		**Source: 20F0484-01**		Prepared: 02-Jul-2020 Analyzed: 06-Jul-2020 14:05							
Arsenic	4.24	0.0140	0.250	mg/L	4.00	0.0590	105	75-125			
Lead	4.02	0.0065	0.100	mg/L	4.00	ND	101	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
07-Jul-2020 14:04

Wet Chemistry - Quality Control

Batch BIG0102 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: JM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIG0102-BS1)				Prepared: 06-Jul-2020 Analyzed: 06-Jul-2020 15:15							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Jul-2020 14:04

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021
WADOE	WA Dept of Ecology	C558	06/30/2020
WA-DW	Ecology - Drinking Water	C558	06/30/2020

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Jul-2020 14:04

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

07 July 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

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Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20F0506	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.07.07 13:59:45 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

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Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20F0506	Turn-around Requested: 3 days	Date: 6/30/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 22.6
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-151A-063020	06/30/20	10:40	Soil	1	✔	✔							
SO-TC-151B-063020	06/30/20	10:45	Soil	1	✔	✔							
SO-TC-151C-063020	06/30/20	10:50	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Kenny Dang	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/30/2020 16:47	Date & Time: 6/30/2020 1647	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Jul-2020 13:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-151A-063020	20F0506-01	Solid	30-Jun-2020 10:40	30-Jun-2020 16:47
SO-TC-151B-063020	20F0506-02	Solid	30-Jun-2020 10:45	30-Jun-2020 16:47
SO-TC-151C-063020	20F0506-03	Solid	30-Jun-2020 10:50	30-Jun-2020 16:47

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Jul-2020 13:55

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20F0506

Sample receipt

Samples as listed on the preceding page were received 30-Jun-2020 16:47 under ARI work order 20F0506. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH- EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon plastics
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 20F0506
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1647 — 22.6

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: DOO 5296

Cooler Accepted by: KD Date: 6/30/20 Time: 1647

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap (Wet Ice) Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: JBV Date: 06/30/20xx Time: 1720 Labels checked by: JBV

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20F0506

Cooler#: 0 Temperature(°C): 2.2.6

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: KO Date: 6/30/20 Time: 1647

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Jul-2020 13:55

SO-TC-151A-063020

20F0506-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/30/2020 10:40

Instrument: ICP2 Analyst: TCH — Analyzed: 07/06/2020 14:19

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0506-01 A 02

Preparation Batch: BIG0041 — Sample Size: 25 mL (wet)

Prepared: 07/02/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0958	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Jul-2020 13:55

SO-TC-151A-063020

20F0506-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/30/2020 10:40

Instrument: Accumet AB150 Analyst: JM — Analyzed: 07/06/2020 15:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20F0506-01 A 03

Preparation Batch: BIG0102 — Sample Size: 20.14 g (wet)

Prepared: 07/06/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.66	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Jul-2020 13:55

SO-TC-151B-063020

20F0506-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/30/2020 10:45

Instrument: ICP2 Analyst: TCH — Analyzed: 07/06/2020 14:23

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0506-02 A 02

Preparation Batch: BIG0041 — Sample Size: 25 mL (wet)

Prepared: 07/02/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.104	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0277	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Jul-2020 13:55

SO-TC-151B-063020

20F0506-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/30/2020 10:45

Instrument: Accumet AB150 Analyst: JM — Analyzed: 07/06/2020 15:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20F0506-02 A 03

Preparation Batch: BIG0102 — Sample Size: 20.16 g (wet)

Prepared: 07/06/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.56	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Jul-2020 13:55

SO-TC-151C-063020

20F0506-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 06/30/2020 10:50

Instrument: ICP2 Analyst: TCH — Analyzed: 07/06/2020 14:28

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20F0506-03 A 02

Preparation Batch: BIG0041 — Sample Size: 25 mL (wet)

Prepared: 07/02/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0531	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Jul-2020 13:55

SO-TC-151C-063020

20F0506-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/30/2020 10:50

Instrument: Accumet AB150 Analyst: JM — Analyzed: 07/06/2020 15:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20F0506-03 A 03

Preparation Batch: BIG0102 — Sample Size: 20.14 g (wet)

Prepared: 07/06/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.81	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
07-Jul-2020 13:55

TCLP Metals and Metallic Compounds - Quality Control

Batch BIG0041 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIG0041-BLK1)					Prepared: 02-Jul-2020 Analyzed: 06-Jul-2020 13:24						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
07-Jul-2020 13:55

Wet Chemistry - Quality Control

Batch BIG0102 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: JM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIG0102-BS1)				Prepared: 06-Jul-2020 Analyzed: 06-Jul-2020 15:15							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Jul-2020 13:55

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Jul-2020 13:55

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

21 July 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20G0158	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.07.21 11:08:39 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20G0158	Turn-around Requested: 3 days	Date: 7/14/2020	
ARI Client Company: PERC	Phone: 425-238-2212	Page: of	
Client Contact: Jeff King		No. of Coolers: 2	Cooler Temps: 28.8
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-152A-071420	07/14/20	08:30	Soil	1	✔	✔							
SO-TC-152B-071420	07/14/20	08:35	Soil	1	✔	✔							
SO-TC-152C-071420	07/14/20	08:40	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Jacob Hall	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/14/2020 16'21	Date & Time: 07/14/2020 1621	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2020 11:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-152A-071420	20G0158-01	Solid	14-Jul-2020 08:30	14-Jul-2020 16:21
SO-TC-152B-071420	20G0158-02	Solid	14-Jul-2020 08:35	14-Jul-2020 16:21
SO-TC-152C-071420	20G0158-03	Solid	14-Jul-2020 08:40	14-Jul-2020 16:21

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2020 11:03

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20G0158

Sample receipt

Samples as listed on the preceding page were received 14-Jul-2020 16:21 under ARI work order 20G0158. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Sample receipt

Samples as listed on the preceding page were received 30-Jun-2020 16:47 under ARI work order 20F0506. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH- EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20G0410. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

Sample specific QC was performed in association with sample 20G0408. The duplicate RPD and matrix spike percent recovery were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: ____

Assigned ARI Job No: 20G0158 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1621 28.8

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DOO 5006

Cooler Accepted by: JJ Date: 07/14/2020 Time: 1621

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: ____		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		____

Were the sample(s) split by ARI? NA YES Date/Time: ____ Equipment: ____ Split by: ____

Samples Logged by: JJ Date: 07/14/2020 Time: 1703 Labels checked by: JJ

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20G0158

Cooler#: _____ Temperature(°C): 28.8°C

Sample ID	Bottle Count	Bottle Type
Samples received abut 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 07/14/2020 Time: 1621

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2020 11:03

SO-TC-152A-071420

20G0158-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/14/2020 08:30

Instrument: ICP2 Analyst: SKM — Analyzed: 07/20/2020 14:44

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20G0158-01 A 03

Preparation Batch: BIG0408 — Sample Size: 25 mL (wet)

Prepared: 07/17/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.193	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.156	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2020 11:03

SO-TC-152A-071420

20G0158-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/14/2020 08:30

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 07/17/2020 11:54

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20G0158-01 A 02

Preparation Batch: BIG0410 — Sample Size: 20.49 g (wet)

Prepared: 07/17/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.95	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2020 11:03

SO-TC-152B-071420

20G0158-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/14/2020 08:35

Instrument: ICP2 Analyst: SKM — Analyzed: 07/20/2020 13:18

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20G0158-02 A 03

Preparation Batch: BIG0408 — Sample Size: 25 mL (wet)

Prepared: 07/17/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.403	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.981	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2020 11:03

SO-TC-152B-071420

20G0158-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/14/2020 08:35

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 07/17/2020 11:54

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20G0158-02 A 02

Preparation Batch: BIG0410 — Sample Size: 20.46 g (wet)

Prepared: 07/17/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.12	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2020 11:03

SO-TC-152C-071420

20G0158-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/14/2020 08:40

Instrument: ICP2 Analyst: SKM — Analyzed: 07/20/2020 13:23

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20G0158-03 A 03

Preparation Batch: BIG0408 — Sample Size: 25 mL (wet)

Prepared: 07/17/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.572	mg/L	
Lead	7439-92-1	5	0.0065	0.100	1.09	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2020 11:03

SO-TC-152C-071420

20G0158-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/14/2020 08:40

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 07/17/2020 11:54

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20G0158-03 A 02

Preparation Batch: BIG0410 — Sample Size: 20.68 g (wet)

Prepared: 07/17/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.37	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2020 11:03

TCLP Metals and Metallic Compounds - Quality Control

Batch BIG0408 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIG0408-BLK1)				Prepared: 17-Jul-2020 Analyzed: 20-Jul-2020 13:13							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BIG0408-DUP1)		**Source: 20G0158-01**		Prepared: 17-Jul-2020 Analyzed: 20-Jul-2020 14:39							
Arsenic	0.206	0.0140	0.250	mg/L		0.193			6.38	20	J
Lead	0.153	0.0065	0.100	mg/L		0.156			1.78	20	
Matrix Spike (BIG0408-MS1)		**Source: 20G0158-01**		Prepared: 17-Jul-2020 Analyzed: 20-Jul-2020 14:48							
Arsenic	4.45	0.0140	0.250	mg/L	4.00	0.193	106	75-125			
Lead	4.09	0.0065	0.100	mg/L	4.00	0.156	98.4	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
21-Jul-2020 11:03

Wet Chemistry - Quality Control

Batch BIG0410 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIG0410-BS1)					Prepared: 17-Jul-2020 Analyzed: 17-Jul-2020 11:54						
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BIG0410-DUP1)		**Source: 20G0158-01**			Prepared: 17-Jul-2020 Analyzed: 17-Jul-2020 11:54						
pH	7.93	0.01	0.01	pH Units		7.95			0.25	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2020 11:03

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	21-Jul-2020 11:03

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

21 July 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20G0172	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.07.21 11:11:17 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Accredited in accordance with nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20G0172	Turn-around Requested: 3 days	Date: 7/15/2020	
ARI Client Company: PERC	Phone: 425-238-2212	Page: of	
Client Contact: Jeff King		No. of Coolers: 2	Cooler Temps: 27.7
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-153A-071520	07/15/20	15:35	Soil	1	✔	✔							
SO-TC-153B-071520	07/15/20	15:40	Soil	1	✔	✔							
SO-TC-153C-071520	07/15/20	15:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: [illegible]	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/15/2020 16:34	Date & Time: 07/15/2020 1634	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2020 11:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-153A-071520	20G0172-01	Solid	15-Jul-2020 15:35	15-Jul-2020 16:34
SO-TC-153B-071520	20G0172-02	Solid	15-Jul-2020 15:40	15-Jul-2020 16:34
SO-TC-153C-071520	20G0172-03	Solid	15-Jul-2020 15:45	15-Jul-2020 16:34

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2020 11:09

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20G0172

Sample receipt

Samples as listed on the preceding page were received 15-Jul-2020 16:34 under ARI work order 20G0172. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Sample receipt

Samples as listed on the preceding page were received 30-Jun-2020 16:47 under ARI work order 20F0506. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH- EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 20G0172 Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1634 27.2i

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DOO 5406

Cooler Accepted by: JAm Date: 07/15/2020 Time: 1634

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JAm Date: 07/15/2020 Time: 1652 Labels checked by: JAm

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20G0172

Cooler#: _____ Temperature(°C): 2.7

Sample ID	Bottle Count	Bottle Type
Samples received at or below 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 07/15/2020 Time: 1634

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2020 11:09

SO-TC-153A-071520

20G0172-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/15/2020 15:35

Instrument: ICP2 Analyst: SKM — Analyzed: 07/20/2020 14:21

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20G0172-01 A 03

Preparation Batch: BIG0408 — Sample Size: 25 mL (wet)

Prepared: 07/17/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.311	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.269	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2020 11:09

SO-TC-153A-071520

20G0172-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/15/2020 15:35

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 07/17/2020 11:54

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20G0172-01 A 02

Preparation Batch: BIG0410 — Sample Size: 21.68 g (wet)

Prepared: 07/17/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	8.34	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2020 11:09

SO-TC-153B-071520

20G0172-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/15/2020 15:40

Instrument: ICP2 Analyst: SKM — Analyzed: 07/20/2020 14:25

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20G0172-02 A 03

Preparation Batch: BIG0408 — Sample Size: 25 mL (wet)

Prepared: 07/17/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.244	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.763	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2020 11:09

SO-TC-153B-071520

20G0172-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/15/2020 15:40

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 07/17/2020 11:54

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20G0172-02 A 02

Preparation Batch: BIG0410 — Sample Size: 21.04 g (wet)

Prepared: 07/17/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.33	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2020 11:09

SO-TC-153C-071520

20G0172-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/15/2020 15:45

Instrument: ICP2 Analyst: SKM — Analyzed: 07/20/2020 14:30

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20G0172-03 A 03

Preparation Batch: BIG0408 — Sample Size: 25 mL (wet)

Prepared: 07/17/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.680	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0530	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2020 11:09

SO-TC-153C-071520

20G0172-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/15/2020 15:45

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 07/17/2020 11:54

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20G0172-03 A 02

Preparation Batch: BIG0410 — Sample Size: 22.93 g (wet)

Prepared: 07/17/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	8.24	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
21-Jul-2020 11:09

TCLP Metals and Metallic Compounds - Quality Control

Batch BIG0408 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIG0408-BLK1)					Prepared: 17-Jul-2020 Analyzed: 20-Jul-2020 13:13						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2020 11:09

Wet Chemistry - Quality Control

Batch BIG0410 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIG0410-BS1)				Prepared: 17-Jul-2020 Analyzed: 17-Jul-2020 11:54							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2020 11:09

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2020 11:09

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

27 July 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20G0203	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.07.27 12:23:56 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 2060203	Turn-around Requested: 3 days	Date: 7/20/2020	
ARI Client Company: PERC	Phone: 425-238-2212	Page: of	
Client Contact: Jeff King		No. of Coolers: 2	Cooler Temps: 26.8
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-154A-072020	07/20/20	15:52	Soil	1	✔	✔							
SO-TC-154B-072020	07/20/20	15:56	Soil	1	✔	✔							
SO-TC-154C-072020	07/20/20	16:04	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Jeff King	Printed Name: Jacob Haffe	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/20/20 4:49	Date & Time: 07/20/2020 1649	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2020 12:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-154A-072020	20G0203-01	Solid	20-Jul-2020 15:52	20-Jul-2020 16:49
SO-TC-154B-072020	20G0203-02	Solid	20-Jul-2020 15:56	20-Jul-2020 16:49
SO-TC-154C-072020	20G0203-03	Solid	20-Jul-2020 16:04	20-Jul-2020 16:49

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2020 12:07

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20G0203

Sample receipt

Samples as listed on the preceding page were received 20-Jul-2020 16:49 under ARI work order 20G0203. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20G0203-01 in batch BIG0503. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

Sample specific QC was performed in association with sample 20G0203-01 in batch BIG0512. The duplicate RPD and matrix spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERL Project Name: Superlon Plastics

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 20G0203 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1649 26.8

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DOO 5206

Cooler Accepted by: JG Date: 07/30/2020 Time: 1649

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES (NO)

How were bottles sealed in plastic bags? Individually (Grouped) Not

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA) _____

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JG Date: 07/30/2020 Time: 1703 Labels checked by: JG

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: _____ Date: _____

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 2060203

Cooler#: _____ **Temperature(°C):** 26.8

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 07/20/2020 Time: 1649

Analytical Resources, Incorporated
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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2020 12:07

SO-TC-154A-072020

20G0203-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/20/2020 15:52

Instrument: ICP2 Analyst: SKM — Analyzed: 07/24/2020 13:34

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20G0203-01 A 02

Preparation Batch: BIG0512 — Sample Size: 25 mL (wet)

Prepared: 07/23/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.436	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.369	mg/L	

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Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2020 12:07

SO-TC-154A-072020

20G0203-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/20/2020 15:52

Instrument: Accumet AB150 Analyst: BF — Analyzed: 07/22/2020 16:21

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20G0203-01 A

Preparation Batch: BIG0503 — Sample Size: 20.36 g (wet)

Prepared: 07/22/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.99	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2020 12:07

SO-TC-154B-072020

20G0203-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/20/2020 15:56

Instrument: ICP2 Analyst: SKM — Analyzed: 07/24/2020 13:02

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20G0203-02 A 02

Preparation Batch: BIG0512 — Sample Size: 25 mL (wet)

Prepared: 07/23/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	5.85	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.160	mg/L	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2020 12:07

SO-TC-154B-072020

20G0203-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/20/2020 15:56

Instrument: Accumet AB150 Analyst: BF — Analyzed: 07/22/2020 16:21

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20G0203-02 A

Preparation Batch: BIG0503 — Sample Size: 20.4 g (wet)

Prepared: 07/22/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.53	pH Units	

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Analytical Resources, Incorporated
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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2020 12:07

SO-TC-154C-072020

20G0203-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/20/2020 16:04

Instrument: ICP2 Analyst: SKM — Analyzed: 07/24/2020 13:07

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20G0203-03 A 02

Preparation Batch: BIG0512 — Sample Size: 25 mL (wet)

Prepared: 07/23/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	4.19	mg/L	
Lead	7439-92-1	5	0.0065	0.100	1.69	mg/L	

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2020 12:07

SO-TC-154C-072020

20G0203-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/20/2020 16:04

Instrument: Accumet AB150 Analyst: BF — Analyzed: 07/22/2020 16:21

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20G0203-03 A

Preparation Batch: BIG0503 — Sample Size: 20.31 g (wet)

Prepared: 07/22/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.83	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
27-Jul-2020 12:07

TCLP Metals and Metallic Compounds - Quality Control

Batch BIG0512 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIG0512-BLK1)				Prepared: 23-Jul-2020 Analyzed: 24-Jul-2020 12:58							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BIG0512-DUP1)		**Source: 20G0203-01**		Prepared: 23-Jul-2020 Analyzed: 24-Jul-2020 13:29							
Arsenic	0.416	0.0140	0.250	mg/L		0.436			4.75	20	
Lead	0.369	0.0065	0.100	mg/L		0.369			0.10	20	
Matrix Spike (BIG0512-MS1)		**Source: 20G0203-01**		Prepared: 23-Jul-2020 Analyzed: 24-Jul-2020 13:38							
Arsenic	4.59	0.0140	0.250	mg/L	4.00	0.436	104	75-125			
Lead	4.34	0.0065	0.100	mg/L	4.00	0.369	99.3	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
27-Jul-2020 12:07

Wet Chemistry - Quality Control

Batch BIG0503 - EPA 9045D

Instrument: Accumet AB150 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIG0503-BS1)				Prepared: 22-Jul-2020 Analyzed: 22-Jul-2020 16:21							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			
Duplicate (BIG0503-DUP1)		**Source: 20G0203-01**		Prepared: 22-Jul-2020 Analyzed: 22-Jul-2020 16:21							
pH	7.23	0.01	0.01	pH Units		6.99			3.38	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2020 12:07

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	27-Jul-2020 12:07

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

27 July 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20G0214	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.07.27 12:28:38 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20G0214	Turn-around Requested: 3 days	Date: 7/21/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: 1 of 1	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 27.9
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-155A-072120	07/21/20	15:35	Soil	1	✔	✔	
SO-TC-155B-072120	07/21/20	15:40	Soil	1	✔	✔	
SO-TC-155C-072120	07/21/20	15:49	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Shelly L Fished	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/21/2020 16:31	Date & Time: 7/21/2020 1631	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2020 12:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-155A-072120	20G0214-01	Solid	21-Jul-2020 15:35	21-Jul-2020 16:31
SO-TC-155B-072120	20G0214-02	Solid	21-Jul-2020 15:40	21-Jul-2020 16:31
SO-TC-155C-072120	20G0214-03	Solid	21-Jul-2020 15:49	21-Jul-2020 16:31

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2020 12:27

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20G0214

Sample receipt

Samples as listed on the preceding page were received 21-Jul-2020 16:31 under ARI work order 20G0214. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Cooler Receipt Form

ARI Client: PEAK Project Name: Superior Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 20G0214 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO

Were custody papers included with the cooler? ..... YES NO

Were custody papers properly filled out (ink, signed, etc.) ..... YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 27.9

Time 1631

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 5206

Cooler Accepted by: _____ Date: 7/21/2020 Time: 1631

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? ..... YES NO

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: none

Was sufficient ice used (if appropriate)? ..... NA YES NO

How were bottles sealed in plastic bags? ..... Individually Grouped Not

Did all bottles arrive in good condition (unbroken)? ..... YES NO

Were all bottle labels complete and legible? ..... YES NO

Did the number of containers listed on COC match with the number of containers received? ..... YES NO

Did all bottle labels and tags agree with custody papers? ..... YES NO

Were all bottles used correct for the requested analyses? ..... YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ... NA YES NO

Were all VOC vials free of air bubbles? ..... NA YES NO

Was sufficient amount of sample sent in each bottle? ..... YES NO

Date VOC Trip Blank was made at ARI..... NA _____

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: _____ Date: _____ Time: _____ Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: _____ Date: _____

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 2060214

Cooler#: 1 Temperature(°C): 27.9

Sample ID	Bottle Count	Bottle Type
All samples above 4.0°C		

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 7/21/2020 Time: 1631

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Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2020 12:27

SO-TC-155A-072120

20G0214-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/21/2020 15:35

Instrument: ICP2 Analyst: SKM — Analyzed: 07/24/2020 13:16

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20G0214-01 A 02

Preparation Batch: BIG0512 — Sample Size: 25 mL (wet)

Prepared: 07/23/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	1.34	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.330	mg/L	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2020 12:27

SO-TC-155A-072120

20G0214-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/21/2020 15:35

Instrument: Accumet AB150 Analyst: BF — Analyzed: 07/22/2020 16:21

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20G0214-01 A

Preparation Batch: BIG0503 — Sample Size: 20.14 g (wet)

Prepared: 07/22/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.59	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2020 12:27

SO-TC-155B-072120

20G0214-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/21/2020 15:40

Instrument: ICP2 Analyst: SKM — Analyzed: 07/24/2020 13:20

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20G0214-02 A 02

Preparation Batch: BIG0512 — Sample Size: 25 mL (wet)

Prepared: 07/23/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.296	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0777	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2020 12:27

SO-TC-155B-072120

20G0214-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/21/2020 15:40

Instrument: Accumet AB150 Analyst: BF — Analyzed: 07/22/2020 16:21

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20G0214-02 A

Preparation Batch: BIG0503 — Sample Size: 20.33 g (wet)

Prepared: 07/22/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.73	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2020 12:27

SO-TC-155C-072120

20G0214-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/21/2020 15:49

Instrument: ICP2 Analyst: SKM — Analyzed: 07/24/2020 13:25

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20G0214-03 A 02

Preparation Batch: BIG0512 — Sample Size: 25 mL (wet)

Prepared: 07/23/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.394	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.285	mg/L	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2020 12:27

SO-TC-155C-072120

20G0214-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/21/2020 15:49

Instrument: Accumet AB150 Analyst: BF — Analyzed: 07/22/2020 16:21

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20G0214-03 A

Preparation Batch: BIG0503 — Sample Size: 20.43 g (wet)

Prepared: 07/22/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.99	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
27-Jul-2020 12:27

TCLP Metals and Metallic Compounds - Quality Control

Batch BIG0512 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIG0512-BLK1)					Prepared: 23-Jul-2020 Analyzed: 24-Jul-2020 12:58						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2020 12:27

Wet Chemistry - Quality Control

Batch BIG0503 - EPA 9045D

Instrument: Accumet AB150 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIG0503-BS1)				Prepared: 22-Jul-2020 Analyzed: 22-Jul-2020 16:21							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Jul-2020 12:27

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	27-Jul-2020 12:27

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

04 August 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20G0271	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.08.04 17:20:19 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20G0271	Turn-around Requested: 5 days	Date: 7/27/2020	
ARI Client Company: PERC	Phone: 425-238-2212	Page: of	
Client Contact: Jeff King		No. of Coolers: 1	Cooler Temps: 30.8
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-156A-072720	07/27/20	15:40	Soil	1	✔	✔	
SO-TC-156B-072720	07/27/20	15:45	Soil	1	✔	✔	
SO-TC-156C-072720	07/27/20	15:50	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/27/2020 4:37	Date & Time: 07/27/2020 1657	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-156A- 072720	20G0271-01	Solid	27-Jul-2020 15:40	27-Jul-2020 16:47
SO-TC-156B- 072720	20G0271-02	Solid	27-Jul-2020 15:45	27-Jul-2020 16:47
SO-TC-156C- 072720	20G0271-03	Solid	27-Jul-2020 15:50	27-Jul-2020 16:47

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:19

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20G0271

Sample receipt

Samples as listed on the preceding page were received 27-Jul-2020 16:47 under ARI work order 20G0271. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

Sample specific QC was performed in association with sample 20G0271-01in batch BIG0676. The duplicate RPD and matrix spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superior Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 20G0271
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1637 30.8

If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: D00S206

Cooler Accepted by: JSM Date: 07/27/2020 Time: 1637

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 7/28/2020 Time: 0949 Labels checked by: SLF

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20G0271

Cooler#: _____ Temperature(°C): 20.8

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 07/07/2020 Time: 1637

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:19

SO-TC-156A- 072720

20G0271-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/27/2020 15:40

Instrument: ICP2 Analyst: SKM — Analyzed: 07/31/2020 15:14

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20G0271-01 A 02

Preparation Batch: BIG0676 — Sample Size: 25 mL (wet)

Prepared: 07/31/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.288	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0128	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:19

SO-TC-156A- 072720

20G0271-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/27/2020 15:40

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 07/31/2020 16:50

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20G0271-01 A

Preparation Batch: BIG0691 — Sample Size: 20.04 g (wet)

Prepared: 07/31/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.36	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:19

SO-TC-156B- 072720

20G0271-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/27/2020 15:45

Instrument: ICP2 Analyst: SKM — Analyzed: 07/31/2020 14:46

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20G0271-02 A 02

Preparation Batch: BIG0676 — Sample Size: 25 mL (wet)

Prepared: 07/31/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.341	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.124	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:19

SO-TC-156B- 072720

20G0271-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/27/2020 15:45

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 07/31/2020 16:50

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20G0271-02 A

Preparation Batch: BIG0691 — Sample Size: 20.24 g (wet)

Prepared: 07/31/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.61	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:19

SO-TC-156C- 072720

20G0271-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/27/2020 15:50

Instrument: ICP2 Analyst: SKM — Analyzed: 07/31/2020 14:51

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20G0271-03 A 02

Preparation Batch: BIG0676 — Sample Size: 25 mL (wet)

Prepared: 07/31/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.253	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.287	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:19

SO-TC-156C- 072720

20G0271-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/27/2020 15:50

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 07/31/2020 16:50

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20G0271-03 A

Preparation Batch: BIG0691 — Sample Size: 20.28 g (wet)

Prepared: 07/31/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.59	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:19

TCLP Metals and Metallic Compounds - Quality Control

Batch BIG0676 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIG0676-BLK1)				Prepared: 31-Jul-2020 Analyzed: 31-Jul-2020 14:42							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BIG0676-DUP1)		**Source: 20G0271-01**		Prepared: 31-Jul-2020 Analyzed: 31-Jul-2020 15:09							
Arsenic	0.286	0.0140	0.250	mg/L		0.288			0.71	20	
Lead	0.0099	0.0065	0.100	mg/L		0.0128			25.10	20	L, J
Matrix Spike (BIG0676-MS1)		**Source: 20G0271-01**		Prepared: 31-Jul-2020 Analyzed: 31-Jul-2020 15:18							
Arsenic	4.33	0.0140	0.250	mg/L	4.00	0.288	101	75-125			
Lead	3.92	0.0065	0.100	mg/L	4.00	0.0128	97.8	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:19

Wet Chemistry - Quality Control

Batch BIG0691 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIG0691-BS1)				Prepared: 31-Jul-2020 Analyzed: 31-Jul-2020 16:50							
pH	6.95	0.01	0.01	pH Units	7.00		99.3	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:19

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:19

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

04 August 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20G0278	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.08.04 17:25:55 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 2060278	Turn-around Requested: 5 days	Date: 7/28/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 27.0°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-157A-072820	07/28/20	13:00	Soil	1	✔	✔							
SO-TC-157B-072820	07/28/20	13:15	Soil	1	✔	✔							
SO-TC-157C-072820	07/28/20	13:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	7/28/2020 14:21		Kenny Dang	ARI	7/28/2020 1421								

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-157A-072820	20G0278-01	Solid	28-Jul-2020 13:00	28-Jul-2020 14:21
SO-TC-157B-072820	20G0278-02	Solid	28-Jul-2020 13:15	28-Jul-2020 14:21
SO-TC-157C-072820	20G0278-03	Solid	28-Jul-2020 13:30	28-Jul-2020 14:21

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:23

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20G0278

Sample receipt

Samples as listed on the preceding page were received 28-Jul-2020 14:21 under ARI work order 20G0278. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERG
Project Name: Superlon Plastics
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 20G0278
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1421 — 27.0

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: D00 52006

Cooler Accepted by: KD Date: 7/28/20 Time: 1421

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	Grouped	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: JB Date: 07/28/2020 Time: 1432 Labels checked by: JB

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20G0278

Cooler#: 0 **Temperature(°C):** 27.0°C

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: KD Date: 7/28/20 Time: 1421

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:23

SO-TC-157A-072820

20G0278-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/28/2020 13:00

Instrument: ICP2 Analyst: SKM — Analyzed: 07/31/2020 14:56

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20G0278-01 A 02

Preparation Batch: BIG0676 — Sample Size: 25 mL (wet)

Prepared: 07/31/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.313	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0210	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:23

SO-TC-157A-072820

20G0278-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/28/2020 13:00

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 07/31/2020 16:50

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20G0278-01 A

Preparation Batch: BIG0691 — Sample Size: 21.72 g (wet)

Prepared: 07/31/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	8.30	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:23

SO-TC-157B-072820

20G0278-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/28/2020 13:15

Instrument: ICP2 Analyst: SKM — Analyzed: 07/31/2020 15:00

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20G0278-02 A 02

Preparation Batch: BIG0676 — Sample Size: 25 mL (wet)

Prepared: 07/31/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.925	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0187	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:23

SO-TC-157B-072820

20G0278-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/28/2020 13:15

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 07/31/2020 16:50

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20G0278-02 A

Preparation Batch: BIG0691 — Sample Size: 21.21 g (wet)

Prepared: 07/31/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	8.45	pH Units	

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8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:23

SO-TC-157C-072820

20G0278-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/28/2020 13:30

Instrument: ICP2 Analyst: SKM — Analyzed: 07/31/2020 15:05

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20G0278-03 A 02

Preparation Batch: BIG0676 — Sample Size: 25 mL (wet)

Prepared: 07/31/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.341	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:23

SO-TC-157C-072820

20G0278-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/28/2020 13:30

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 07/31/2020 16:50

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20G0278-03 A

Preparation Batch: BIG0691 — Sample Size: 20.48 g (wet)

Prepared: 07/31/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.65	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:23

TCLP Metals and Metallic Compounds - Quality Control

Batch BIG0676 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIG0676-BLK1)					Prepared: 31-Jul-2020 Analyzed: 31-Jul-2020 14:42						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:23

Wet Chemistry - Quality Control

Batch BIG0691 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIG0691-BS1)				Prepared: 31-Jul-2020 Analyzed: 31-Jul-2020 16:50							
pH	6.95	0.01	0.01	pH Units	7.00		99.3	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2020 17:23

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	04-Aug-2020 17:23

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

05 August 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20G0314	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
DN: c=US, st=Washington, l=Tukwila, o=Analytical Resources, Inc., cn=Shelly Fishel, email=shelly.fishel@arilabs.com
Date: 2020.08.05 16:41:36 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20G0314	Turn-around Requested: 5 days	Date: 7/30/2020	
ARI Client Company: PERC	Phone: 425-238-2212	Page: 1 of 1	
Client Contact: Jeff King		No. of Coolers: 1	Cooler Temps: 29.8
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-158A-073020	07/30/20	12:52	Soil	1	✔	✔							
SO-TC-158B-073020	07/30/20	12:57	Soil	1	✔	✔							
SO-TC-158C-073020	07/30/20	13:03	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Shelly Fisher	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/30/2020 2:38	Date & Time: 7/30/2020 1430	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2020 16:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-158A-073020	20G0314-01	Solid	30-Jul-2020 12:52	30-Jul-2020 14:30
SO-TC-158B-073020	20G0314-02	Solid	30-Jul-2020 12:57	30-Jul-2020 14:30
SO-TC-158C-073020	20G0314-03	Solid	30-Jul-2020 13:03	30-Jul-2020 14:30

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2020 16:40

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20G0314

Sample receipt

Samples as listed on the preceding page were received 30-Jul-2020 14:30 under ARI work order 20G0314. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

Sample specific QC was performed in association with sample 20G0314-01 in batch BIH0043. The duplicate RPD and matrix spike percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 20G0314 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 29.8

Time 1430

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DOO 25625

Cooler Accepted by: [signature] Date: 7/31/2020 Time: 1430

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: None			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: [signature] Date: 7/31/2020 Time: 1510 Labels checked by: SLF

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20G0314

Cooler#: 1 **Temperature(°C):** 29.8

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: _____ Time: _____

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2020 16:40

SO-TC-158A-073020

20G0314-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/30/2020 12:52

Instrument: ICP2 Analyst: SKM — Analyzed: 08/04/2020 15:54

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20G0314-01 A 02

Preparation Batch: BIH0043 — Sample Size: 25 mL (wet)

Prepared: 08/04/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.110	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	1.05	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2020 16:40

SO-TC-158A-073020

20G0314-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/30/2020 12:52

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 07/31/2020 16:50

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20G0314-01 A

Preparation Batch: BIG0691 — Sample Size: 20.84 g (wet)

Prepared: 07/31/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.20	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2020 16:40

SO-TC-158B-073020

20G0314-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/30/2020 12:57

Instrument: ICP2 Analyst: SKM — Analyzed: 08/04/2020 15:23

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20G0314-02 A 02

Preparation Batch: BIH0043 — Sample Size: 25 mL (wet)

Prepared: 08/04/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.146	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.272	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2020 16:40

SO-TC-158B-073020

20G0314-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/30/2020 12:57

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 07/31/2020 16:50

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20G0314-02 A

Preparation Batch: BIG0691 — Sample Size: 20.99 g (wet)

Prepared: 07/31/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.56	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2020 16:40

SO-TC-158C-073020

20G0314-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 07/30/2020 13:03

Instrument: ICP2 Analyst: SKM — Analyzed: 08/04/2020 15:28

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20G0314-03 A 02

Preparation Batch: BIH0043 — Sample Size: 25 mL (wet)

Prepared: 08/04/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	1.16	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0972	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2020 16:40

SO-TC-158C-073020

20G0314-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/30/2020 13:03

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 07/31/2020 16:50

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20G0314-03 A

Preparation Batch: BIG0691 — Sample Size: 21.39 g (wet)

Prepared: 07/31/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	8.11	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2020 16:40

TCLP Metals and Metallic Compounds - Quality Control

Batch BIH0043 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIH0043-BLK1)				Prepared: 04-Aug-2020 Analyzed: 04-Aug-2020 15:14							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BIH0043-DUP1)		**Source: 20G0314-01**		Prepared: 04-Aug-2020 Analyzed: 04-Aug-2020 15:50							
Arsenic	0.112	0.0140	0.250	mg/L		0.110			1.89	20	J
Lead	1.05	0.0065	0.100	mg/L		1.05			0.22	20	
Matrix Spike (BIH0043-MS1)		**Source: 20G0314-01**		Prepared: 04-Aug-2020 Analyzed: 04-Aug-2020 15:59							
Arsenic	4.23	0.0140	0.250	mg/L	4.00	0.110	103	75-125			
Lead	4.93	0.0065	0.100	mg/L	4.00	1.05	97.1	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2020 16:40

Wet Chemistry - Quality Control

Batch BIG0691 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIG0691-BS1)				Prepared: 31-Jul-2020 Analyzed: 31-Jul-2020 16:50							
pH	6.95	0.01	0.01	pH Units	7.00		99.3	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2020 16:40

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	05-Aug-2020 16:40

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

12 August 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20H0027	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20H0027	Turn-around Requested: 3 days	Date: 8/04/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 29.0
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-159A-080420	08/04/20	14:00	Soil	1	✔	✔							
SO-TC-159B-080420	08/04/20	14:10	Soil	1	✔	✔							
SO-TC-159C-080420	08/04/20	14:20	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Kenny Dang	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 8/4/2020 16:45	Date & Time: 8/4/2020 1645	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Aug-2020 13:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-159A-080420	20H0027-01	Solid	04-Aug-2020 14:00	04-Aug-2020 16:45
SO-TC-159B-080420	20H0027-02	Solid	04-Aug-2020 14:10	04-Aug-2020 16:45
SO-TC-159C-080420	20H0027-03	Solid	04-Aug-2020 14:20	04-Aug-2020 16:45

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Aug-2020 13:06

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20H0027

Sample receipt

Samples as listed on the preceding page were received 04-Aug-2020 16:45 under ARI work order 20H0027. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 20H0027
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1645 — 29.8

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: DOO 5706

Cooler Accepted by: KD Date: 8/14/20 Time: 1645

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: KD Date: 8/14/20 Time: 1700 Labels checked by: KD

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20H0027

Cooler#: 1 **Temperature(°C):**

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C.		

Cooler#: **Temperature(°C):**

Sample ID	Bottle Count	Bottle Type

Cooler#: **Temperature(°C):**

Sample ID	Bottle Count	Bottle Type

Cooler#: **Temperature(°C):**

Sample ID	Bottle Count	Bottle Type

Completed by: KD Date: 8/4/2020 Time: 1649

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Aug-2020 13:06

SO-TC-159A-080420

20H0027-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/04/2020 14:00

Instrument: ICP2 Analyst: TCH — Analyzed: 08/11/2020 20:14

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20H0027-01 A 02

Preparation Batch: BIH0089 — Sample Size: 25 mL (wet)

Prepared: 08/06/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	2.58	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.238	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Aug-2020 13:06

SO-TC-159A-080420

20H0027-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/04/2020 14:00

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 08/09/2020 11:14

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20H0027-01 A

Preparation Batch: BIH0150 — Sample Size: 20.02 g (wet)

Prepared: 08/09/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.00	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Aug-2020 13:06

SO-TC-159B-080420

20H0027-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/04/2020 14:10

Instrument: ICP2 Analyst: TCH — Analyzed: 08/11/2020 20:19

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20H0027-02 A 02

Preparation Batch: BIH0089 — Sample Size: 25 mL (wet)

Prepared: 08/06/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.559	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.761	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Aug-2020 13:06

SO-TC-159B-080420

20H0027-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/04/2020 14:10

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 08/09/2020 11:14

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20H0027-02 A

Preparation Batch: BIH0150 — Sample Size: 20.18 g (wet)

Prepared: 08/09/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.23	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Aug-2020 13:06

SO-TC-159C-080420

20H0027-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/04/2020 14:20

Instrument: ICP2 Analyst: TCH — Analyzed: 08/11/2020 20:23

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20H0027-03 A 02

Preparation Batch: BIH0089 — Sample Size: 25 mL (wet)

Prepared: 08/06/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.260	mg/L	
Lead	7439-92-1	5	0.0065	0.100	1.08	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Aug-2020 13:06

SO-TC-159C-080420

20H0027-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/04/2020 14:20

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 08/09/2020 11:14

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20H0027-03 A

Preparation Batch: BIH0150 — Sample Size: 20.04 g (wet)

Prepared: 08/09/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.09	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
12-Aug-2020 13:06

TCLP Metals and Metallic Compounds - Quality Control

Batch BIH0089 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIH0089-BLK1)					Prepared: 06-Aug-2020 Analyzed: 11-Aug-2020 20:10						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0088	0.0065	0.100	mg/L							J

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
12-Aug-2020 13:06

Wet Chemistry - Quality Control

Batch BIH0150 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIH0150-BS1)				Prepared: 09-Aug-2020 Analyzed: 09-Aug-2020 11:14							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			
Duplicate (BIH0150-DUP1)		**Source: 20H0027-01**		Prepared: 09-Aug-2020 Analyzed: 09-Aug-2020 11:14							
pH	8.06	0.01	0.01	pH Units		8.00			0.75	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Aug-2020 13:06

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	12-Aug-2020 13:06

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

17 August 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20H0097	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2020.08.17 11:07:08 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20H0097	Turn-around Requested: 3 days	Date: 8/10/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 0	Cooler Temps: 27.1
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-160A-081020	08/10/00	13:35	Soil	1	✔	✔	
SO-TC-160B-081020	08/10/20	13:40	Soil	1	✔	✔	
SO-TC-160C-081020	08/10/20	13:45	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 8/10/20 16:41	Date & Time: 08/10/2020 1641	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2020 11:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-160A-081020	20H0097-01	Solid	10-Aug-2020 13:35	10-Aug-2020 16:41
SO-TC-160B-081020	20H0097-02	Solid	10-Aug-2020 13:40	10-Aug-2020 16:41
SO-TC-160C-081020	20H0097-03	Solid	10-Aug-2020 13:45	10-Aug-2020 16:41

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2020 11:04

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20H0097

Sample receipt

Samples as listed on the preceding page were received 10-Aug-2020 16:41 under ARI work order 20H0097. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20H0097 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1641 27.1

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 5206

Cooler Accepted by: JJ Date: 08/10/2020 Time: 1641

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:

Was sufficient ice used (if appropriate)? NA YES NO

How were bottles sealed in plastic bags? Individually Grouped Not

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI NA

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: JJ Date: ~~08/10~~ 08/11/2020 Time: 0805 Labels checked by: JJ

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20H0097

Cooler#:	Temperature(°C): 2.1	
Sample ID	**Bottle Count**	**Bottle Type**
Samples received above 6°C		

Cooler#:	Temperature(°C):	
Sample ID	**Bottle Count**	**Bottle Type**

Cooler#:	Temperature(°C):	
Sample ID	**Bottle Count**	**Bottle Type**

Cooler#:	Temperature(°C):	
Sample ID	**Bottle Count**	**Bottle Type**

Completed by: [signature] Date: 08/10/2020 Time: 1691

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2020 11:04

SO-TC-160A-081020

20H0097-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/10/2020 13:35

Instrument: ICP2 Analyst: TCH — Analyzed: 08/14/2020 10:27

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20H0097-01 A 02

Preparation Batch: BIH0239 — Sample Size: 25 mL (wet)

Prepared: 08/13/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.931	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.227	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2020 11:04

SO-TC-160A-081020

20H0097-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/10/2020 13:35

Instrument: Accumet AB150 Analyst: JM — Analyzed: 08/14/2020 12:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20H0097-01 A 03

Preparation Batch: BIH0272 — Sample Size: 20.3 g (wet)

Prepared: 08/14/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.27	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2020 11:04

SO-TC-160B-081020

20H0097-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/10/2020 13:40

Instrument: ICP2 Analyst: TCH — Analyzed: 08/14/2020 10:32

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20H0097-02 A 02

Preparation Batch: BIH0239 — Sample Size: 25 mL (wet)

Prepared: 08/13/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.403	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.930	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2020 11:04

SO-TC-160B-081020

20H0097-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/10/2020 13:40

Instrument: Accumet AB150 Analyst: JM — Analyzed: 08/14/2020 12:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20H0097-02 A 03

Preparation Batch: BIH0272 — Sample Size: 20.12 g (wet)

Prepared: 08/14/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.28	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2020 11:04

SO-TC-160C-081020

20H0097-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/10/2020 13:45

Instrument: ICP2 Analyst: TCH — Analyzed: 08/14/2020 10:36

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20H0097-03 A 02

Preparation Batch: BIH0239 — Sample Size: 25 mL (wet)

Prepared: 08/13/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.564	mg/L	
Lead	7439-92-1	5	0.0065	0.100	35.6	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2020 11:04

SO-TC-160C-081020

20H0097-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/10/2020 13:45

Instrument: Accumet AB150 Analyst: JM — Analyzed: 08/14/2020 12:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20H0097-03 A 03

Preparation Batch: BIH0272 — Sample Size: 20.27 g (wet)

Prepared: 08/14/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.91	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
17-Aug-2020 11:04

TCLP Metals and Metallic Compounds - Quality Control

Batch BIH0239 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIH0239-BLK1)	Prepared: 13-Aug-2020 Analyzed: 14-Aug-2020 10:23										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2020 11:04

Wet Chemistry - Quality Control

Batch BIH0272 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: JM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIH0272-BS1)				Prepared: 14-Aug-2020 Analyzed: 14-Aug-2020 12:36							
pH	6.96	0.01	0.01	pH Units	7.00		99.4	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2020 11:04

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	17-Aug-2020 11:04

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

17 August 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20H0119	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2020.08.17 11:15:04 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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nelac Cert# 100006

PJLA Testing Accreditation # 66169

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20H0119	Turn-around Requested: 3 days	Date: 8/11/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 27.6
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-161A-081120	08/11/20	14:15	Soil	1	✔	✔	
SO-TC-161B-081120	08/11/20	14:20	Soil	1	✔	✔	
SO-TC-161C-081120	08/11/20	14:25	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	8/11/2020 1646		Jacob Haltc	ARI	08/11/2020 1646								

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2020 11:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-161A-081120	20H0119-01	Solid	11-Aug-2020 14:15	11-Aug-2020 16:46
SO-TC-161B-081120	20H0119-02	Solid	11-Aug-2020 14:20	11-Aug-2020 16:46
SO-TC-161C-081120	20H0119-03	Solid	11-Aug-2020 14:25	11-Aug-2020 16:46

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2020 11:12

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20H0119

Sample receipt

Samples as listed on the preceding page were received 11-Aug-2020 16:46 under ARI work order 20H0119. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

Sample specific QC was performed in association with sample 20H0119-03. The duplicate RPD and matrix spike percent recoveries were within control limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: ____

Assigned ARI Job No: 20H0119 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1646 27.6

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 5206

Cooler Accepted by: JGM Date: 08/11/2020 Time: 1646

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: ____

Was sufficient ice used (if appropriate)? NA YES NO

How were bottles sealed in plastic bags? Individually Grouped Not

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ... NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI ... NA ____

Were the sample(s) split by ARI? NA YES Date/Time: ____ Equipment: ____ Split by: ____

Samples Logged by: JGM Date: 08/11/2020 Time: ~~1646~~ 1648 Labels checked by: JGM

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20H0119

Cooler#: _____ Temperature(°C): 27.6

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 08/11/2020 Time: 1646

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2020 11:12

SO-TC-161A-081120

20H0119-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/11/2020 14:15

Instrument: ICP2 Analyst: TCH — Analyzed: 08/14/2020 11:30

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20H0119-01 A 02

Preparation Batch: BIH0239 — Sample Size: 25 mL (wet)

Prepared: 08/13/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.238	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.397	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2020 11:12

SO-TC-161A-081120

20H0119-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/11/2020 14:15

Instrument: Accumet AB150 Analyst: JM — Analyzed: 08/14/2020 12:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20H0119-01 A 03

Preparation Batch: BIH0272 — Sample Size: 20.81 g (wet)

Prepared: 08/14/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.85	pH Units	

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8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2020 11:12

SO-TC-161B-081120

20H0119-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/11/2020 14:20

Instrument: ICP2 Analyst: TCH — Analyzed: 08/14/2020 11:34

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20H0119-02 A 02

Preparation Batch: BIH0239 — Sample Size: 25 mL (wet)

Prepared: 08/13/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.374	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.618	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2020 11:12

SO-TC-161B-081120

20H0119-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/11/2020 14:20

Instrument: Accumet AB150 Analyst: JM — Analyzed: 08/14/2020 12:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20H0119-02 A 03

Preparation Batch: BIH0272 — Sample Size: 20.22 g (wet)

Prepared: 08/14/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.28	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2020 11:12

SO-TC-161C-081120

20H0119-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/11/2020 14:25

Instrument: ICP2 Analyst: TCH — Analyzed: 08/14/2020 10:59

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20H0119-03 A 02

Preparation Batch: BIH0239 — Sample Size: 25 mL (wet)

Prepared: 08/13/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.521	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.499	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2020 11:12

SO-TC-161C-081120

20H0119-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/11/2020 14:25

Instrument: Accumet AB150 Analyst: JM — Analyzed: 08/14/2020 12:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20H0119-03 A 03

Preparation Batch: BIH0272 — Sample Size: 20.04 g (wet)

Prepared: 08/14/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.17	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2020 11:12

TCLP Metals and Metallic Compounds - Quality Control

Batch BIH0239 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIH0239-BLK1)				Prepared: 13-Aug-2020 Analyzed: 14-Aug-2020 10:23							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BIH0239-DUP1)		**Source: 20H0119-03**		Prepared: 13-Aug-2020 Analyzed: 14-Aug-2020 10:54							
Arsenic	0.536	0.0140	0.250	mg/L		0.521			2.75	20	
Lead	0.489	0.0065	0.100	mg/L		0.499			1.90	20	
Matrix Spike (BIH0239-MS1)		**Source: 20H0119-03**		Prepared: 13-Aug-2020 Analyzed: 14-Aug-2020 11:04							
Arsenic	4.84	0.0140	0.250	mg/L	4.00	0.521	108	75-125			
Lead	4.59	0.0065	0.100	mg/L	4.00	0.499	102	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2020 11:12

Wet Chemistry - Quality Control

Batch BIH0272 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: JM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIH0272-BS1)				Prepared: 14-Aug-2020 Analyzed: 14-Aug-2020 12:36							
pH	6.96	0.01	0.01	pH Units	7.00		99.4	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2020 11:12

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	17-Aug-2020 11:12

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

21 August 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20H0171	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2020.08.21 16:24:05 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20H0171	Turn-around Requested: 3 days	Date: 8/17/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 28.1
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C	Analysis Requested						Notes/Comments
SO-TC-162A-081720	08/17/20	08:20	Soil	1	✔	✔							
SO-TC-162B-081720	08/17/20	08:25	Soil	1	✔	✔							
SO-TC-162C-081720	08/17/20	08:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Leathe	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 8/17/2020 16:42	Date & Time: 08/17/2020 1642	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Aug-2020 16:19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-162A-081720	20H0171-01	Solid	17-Aug-2020 08:20	17-Aug-2020 16:42
SO-TC-162B-081720	20H0171-02	Solid	17-Aug-2020 08:25	17-Aug-2020 16:42
SO-TC-162C-081720	20H0171-03	Solid	17-Aug-2020 08:30	17-Aug-2020 16:42

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Aug-2020 16:19

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20H0171

Sample receipt

Samples as listed on the preceding page were received 17-Aug-2020 16:42 under ARI work order 20H0171. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20H0171-01 in batch BIH0406. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 20H0171
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1642 — 28.1

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00 5706

Cooler Accepted by: JB Date: 08/17/2020 Time: 1642

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: KO Date: 8/18/20 Time: 0827 Labels checked by: KO

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: _____

Cooler#: _____ **Temperature(°C):** 28.1

Sample ID	Bottle Count	Bottle Type
Samples received at/below 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 08/17/2020 Time: 1642

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Aug-2020 16:19

SO-TC-162A-081720

20H0171-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/17/2020 08:20

Instrument: ICP2 Analyst: SKM — Analyzed: 08/20/2020 13:40

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20H0171-01 A 02

Preparation Batch: BIH0355 — Sample Size: 25 mL (wet)

Prepared: 08/19/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.208	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.210	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Aug-2020 16:19

SO-TC-162A-081720

20H0171-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/17/2020 08:20

Instrument: Accumet AB150 Analyst: JM — Analyzed: 08/21/2020 12:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20H0171-01 A

Preparation Batch: BIH0406 — Sample Size: 20.51 g (wet)

Prepared: 08/21/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.74	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Aug-2020 16:19

SO-TC-162B-081720

20H0171-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/17/2020 08:25

Instrument: ICP2 Analyst: SKM — Analyzed: 08/20/2020 13:44

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20H0171-02 A 02

Preparation Batch: BIH0355 — Sample Size: 25 mL (wet)

Prepared: 08/19/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.140	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.434	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Aug-2020 16:19

SO-TC-162B-081720

20H0171-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/17/2020 08:25

Instrument: Accumet AB150 Analyst: JM — Analyzed: 08/21/2020 12:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20H0171-02 A

Preparation Batch: BIH0406 — Sample Size: 20.13 g (wet)

Prepared: 08/21/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.97	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Aug-2020 16:19

SO-TC-162C-081720

20H0171-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/17/2020 08:30

Instrument: ICP2 Analyst: SKM — Analyzed: 08/20/2020 13:49

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20H0171-03 A 02

Preparation Batch: BIH0355 — Sample Size: 25 mL (wet)

Prepared: 08/19/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.189	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	2.26	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Aug-2020 16:19

SO-TC-162C-081720

20H0171-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/17/2020 08:30

Instrument: Accumet AB150 Analyst: JM — Analyzed: 08/21/2020 12:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20H0171-03 A

Preparation Batch: BIH0406 — Sample Size: 20.57 g (wet)

Prepared: 08/21/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.68	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
21-Aug-2020 16:19

TCLP Metals and Metallic Compounds - Quality Control

Batch BIH0355 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIH0355-BLK1)					Prepared: 19-Aug-2020 Analyzed: 20-Aug-2020 13:30						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0124	0.0065	0.100	mg/L							J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Aug-2020 16:19

Wet Chemistry - Quality Control

Batch BIH0406 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: JM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIH0406-BS1)				Prepared: 21-Aug-2020 Analyzed: 21-Aug-2020 12:02							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			
Duplicate (BIH0406-DUP1)		**Source: 20H0171-01**		Prepared: 21-Aug-2020 Analyzed: 21-Aug-2020 12:02							
pH	8.72	0.01	0.01	pH Units		8.74			0.23	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Aug-2020 16:19

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	21-Aug-2020 16:19

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

21 August 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20H0172	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2020.08.21 16:15:10 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20H0172	Turn-around Requested: 3 days	Date: 8/17/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 28.1
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-163A-081720	08/17/20	14:35	Soil	1	✔	✔	
SO-TC-163B-081720	08/17/20	14:40	Soil	1	✔	✔	
SO-TC-163C-081720	08/17/20	14:45	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	8/17/2020 16:42		Jacobvelte	ARI	08/17/2020 1642								

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Aug-2020 16:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-163A-081720	20H0172-01	Solid	17-Aug-2020 14:35	18-Aug-2020 08:52
SO-TC-163B-081720	20H0172-02	Solid	17-Aug-2020 14:40	18-Aug-2020 08:52
SO-TC-163C-081720	20H0172-03	Solid	17-Aug-2020 14:45	18-Aug-2020 08:52

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Aug-2020 16:12

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20H0172

Sample receipt

Samples as listed on the preceding page were received 18-Aug-2020 08:52 under ARI work order 20H0172. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The LCS percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20H0172

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1642 — 28.1

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00 57EG

Cooler Accepted by: JB Date: 08/17/2020 Time: 1642

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: KD Date: 8/18/20 Time: 0856 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20H0172

Cooler#: _____ Temperature(°C): 28.1

Sample ID	Bottle Count	Bottle Type
Samples received at about 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: JQ Date: 08/17/2020 Time: 1692

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Aug-2020 16:12

SO-TC-163A-081720

20H0172-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/17/2020 14:35

Instrument: ICP2 Analyst: SKM — Analyzed: 08/20/2020 13:53

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20H0172-01 A 02

Preparation Batch: BIH0355 — Sample Size: 25 mL (wet)

Prepared: 08/19/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.325	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.303	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Aug-2020 16:12

SO-TC-163A-081720

20H0172-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/17/2020 14:35

Instrument: Accumet AB150 Analyst: JM — Analyzed: 08/21/2020 12:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20H0172-01 A

Preparation Batch: BIH0406 — Sample Size: 20.53 g (wet)

Prepared: 08/21/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.82	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Aug-2020 16:12

SO-TC-163B-081720

20H0172-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/17/2020 14:40

Instrument: ICP2 Analyst: SKM — Analyzed: 08/20/2020 14:53

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20H0172-02 A 02

Preparation Batch: BIH0355 — Sample Size: 25 mL (wet)

Prepared: 08/19/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.355	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.482	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Aug-2020 16:12

SO-TC-163B-081720

20H0172-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/17/2020 14:40

Instrument: Accumet AB150 Analyst: JM — Analyzed: 08/21/2020 12:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20H0172-02 A

Preparation Batch: BIH0406 — Sample Size: 20.42 g (wet)

Prepared: 08/21/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.69	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Aug-2020 16:12

SO-TC-163C-081720

20H0172-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/17/2020 14:45

Instrument: ICP2 Analyst: SKM — Analyzed: 08/20/2020 14:57

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20H0172-03 A 02

Preparation Batch: BIH0355 — Sample Size: 25 mL (wet)

Prepared: 08/19/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.465	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.644	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Aug-2020 16:12

SO-TC-163C-081720

20H0172-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/17/2020 14:45

Instrument: Accumet AB150 Analyst: JM — Analyzed: 08/21/2020 12:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20H0172-03 A

Preparation Batch: BIH0406 — Sample Size: 20.42 g (wet)

Prepared: 08/21/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.90	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
21-Aug-2020 16:12

TCLP Metals and Metallic Compounds - Quality Control

Batch BIH0355 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIH0355-BLK1)					Prepared: 19-Aug-2020 Analyzed: 20-Aug-2020 13:30						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0124	0.0065	0.100	mg/L							J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Aug-2020 16:12

Wet Chemistry - Quality Control

Batch BIH0406 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: JM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIH0406-BS1)				Prepared: 21-Aug-2020 Analyzed: 21-Aug-2020 12:02							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Aug-2020 16:12

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	21-Aug-2020 16:12

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

25 August 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20H0189	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2020.08.25 11:33:25 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20H0189	Turn-around Requested: 3 days	Date: 8/18/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 28.9
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-164A-081820	08/18/20	11:35	Soil	1	✔	✔	
SO-TC-164B-081820	08/18/20	11:40	Soil	1	✔	✔	
SO-TC-164C-081820	08/18/20	11:45	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacobsalite	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 8/18/2020 16:36	Date & Time: 08/18/2020 1636	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Aug-2020 11:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-164A-081820	20H0189-01	Solid	18-Aug-2020 11:35	18-Aug-2020 16:36
SO-TC-164B-081820	20H0189-02	Solid	18-Aug-2020 11:40	18-Aug-2020 16:36
SO-TC-164C-081820	20H0189-03	Solid	18-Aug-2020 11:45	18-Aug-2020 16:36

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Aug-2020 11:27

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20H0189

Sample receipt

Samples as listed on the preceding page were received 18-Aug-2020 16:36 under ARI work order 20H0189. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Sample specific QC was performed in association with sample 20H0189-01 in batch BIH0400. The duplicate (DUP) relative percent difference (RPD) and matrix spike (MS) percent recoveries were within control limits.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: ____

Assigned ARI Job No: 20H0189

Tracking No: ____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1636 — 28.9 ____ ____ ____ ____ ____

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00 5206

Cooler Accepted by: JS Date: 08/18/2020 Time: 1636

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: ____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)	____	

Were the sample(s) split by ARI? (NA) YES Date/Time: ____ Equipment: ____ Split by: ____

Samples Logged by: JS Date: 08/18/2020 Time: 1641 Labels checked by: JS

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20H0189

Cooler#: _____ Temperature(°C): 28.9

Sample ID	Bottle Count	Bottle Type
Samples received cubne 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 08/18/2020 Time: 1636

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Aug-2020 11:27

SO-TC-164A-081820

20H0189-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/18/2020 11:35

Instrument: ICP2 Analyst: SKM — Analyzed: 08/24/2020 12:48

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20H0189-01 A 02

Preparation Batch: BIH0400 — Sample Size: 25 mL (wet)

Prepared: 08/21/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.297	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.312	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Aug-2020 11:27

SO-TC-164A-081820

20H0189-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/18/2020 11:35

Instrument: Accumet AB150 Analyst: JM — Analyzed: 08/21/2020 12:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20H0189-01 A

Preparation Batch: BIH0406 — Sample Size: 20.84 g (wet)

Prepared: 08/21/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.52	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Aug-2020 11:27

SO-TC-164B-081820

20H0189-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/18/2020 11:40

Instrument: ICP2 Analyst: SKM — Analyzed: 08/24/2020 12:34

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20H0189-02 A 02

Preparation Batch: BIH0400 — Sample Size: 25 mL (wet)

Prepared: 08/21/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.229	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.698	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Aug-2020 11:27

SO-TC-164B-081820

20H0189-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/18/2020 11:40

Instrument: Accumet AB150 Analyst: JM — Analyzed: 08/21/2020 12:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20H0189-02 A

Preparation Batch: BIH0406 — Sample Size: 20.41 g (wet)

Prepared: 08/21/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.51	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Aug-2020 11:27

SO-TC-164C-081820

20H0189-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/18/2020 11:45

Instrument: ICP2 Analyst: SKM — Analyzed: 08/24/2020 12:39

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20H0189-03 A 02

Preparation Batch: BIH0400 — Sample Size: 25 mL (wet)

Prepared: 08/21/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.212	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.195	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Aug-2020 11:27

SO-TC-164C-081820

20H0189-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/18/2020 11:45

Instrument: Accumet AB150 Analyst: JM — Analyzed: 08/21/2020 12:02

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20H0189-03 A

Preparation Batch: BIH0406 — Sample Size: 20.56 g (wet)

Prepared: 08/21/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.95	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Aug-2020 11:27

TCLP Metals and Metallic Compounds - Quality Control

Batch BIH0400 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIH0400-BLK1)				Prepared: 21-Aug-2020 Analyzed: 24-Aug-2020 12:16							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BIH0400-DUP1)		**Source: 20H0189-01**		Prepared: 21-Aug-2020 Analyzed: 24-Aug-2020 12:43							
Arsenic	0.288	0.0140	0.250	mg/L		0.297			3.10	20	
Lead	0.316	0.0065	0.100	mg/L		0.312			1.32	20	
Matrix Spike (BIH0400-MS1)		**Source: 20H0189-01**		Prepared: 21-Aug-2020 Analyzed: 24-Aug-2020 12:52							
Arsenic	4.66	0.0140	0.250	mg/L	4.00	0.297	109	75-125			
Lead	4.33	0.0065	0.100	mg/L	4.00	0.312	101	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Aug-2020 11:27

Wet Chemistry - Quality Control

Batch BIH0406 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: JM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIH0406-BS1)	Prepared: 21-Aug-2020 Analyzed: 21-Aug-2020 12:02										
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Aug-2020 11:27

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	25-Aug-2020 11:27

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

04 September 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20H0331	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2020.09.04 16:09:27 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20H0331	Turn-around Requested: 3 days	Date: 8/31/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 25.1
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C	Analysis Requested						Notes/Comments
SO-TC-165A-083120	08/31/20	13:50	Soil	1	✔	✔							
SO-TC-165B-083120	08/31/20	13:55	Soil	1	✔	✔							
SO-TC-165C-083120	08/31/20	14:00	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 8/31/2020 16:37	Date & Time: 08/31/2020 1637	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Sep-2020 16:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-165A-083120	20H0331-01	Solid	31-Aug-2020 13:50	31-Aug-2020 16:37
SO-TC-165B-083120	20H0331-02	Solid	31-Aug-2020 13:55	31-Aug-2020 16:37
SO-TC-165C-083120	20H0331-03	Solid	31-Aug-2020 14:00	31-Aug-2020 16:37

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Sep-2020 16:08

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20H0331

Sample receipt

Samples as listed on the preceding page were received 31-Aug-2020 16:37 under ARI work order 20H0331. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH by EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20H0331-01 in batch BII0054. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 20H0331
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1637 — 25.1

If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: D00 5206

Cooler Accepted by: JSm Date: 08/31/2020 Time: 1637

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap (Wet Ice) Gel Packs (Baggies) Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: JSm Date: 08/31/2020 Time: 1640 Labels checked by: JSm

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20H0331

Cooler#: _____ **Temperature(°C):** 2.5 | 1

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 08/31/2020 Time: 1637

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Sep-2020 16:08

SO-TC-165A-083120

20H0331-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/31/2020 13:50

Instrument: ICP2 Analyst: TCH — Analyzed: 09/03/2020 14:14

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20H0331-01 A 03

Preparation Batch: BII0031 — Sample Size: 25 mL (wet)

Prepared: 09/02/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0904	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.816	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Sep-2020 16:08

SO-TC-165A-083120

20H0331-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/31/2020 13:50

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 09/02/2020 16:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20H0331-01 A

Preparation Batch: BII0054 — Sample Size: 20.22 g (wet)

Prepared: 09/02/2020 — Final Volume: 20.22 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.19	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Sep-2020 16:08

SO-TC-165B-083120

20H0331-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/31/2020 13:55

Instrument: ICP2 Analyst: TCH — Analyzed: 09/03/2020 14:19

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20H0331-02 A 03

Preparation Batch: BII0031 — Sample Size: 25 mL (wet)

Prepared: 09/02/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0858	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.122	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Sep-2020 16:08

SO-TC-165B-083120

20H0331-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/31/2020 13:55

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 09/02/2020 16:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20H0331-02 A

Preparation Batch: BII0054 — Sample Size: 20.08 g (wet)

Prepared: 09/02/2020 — Final Volume: 20.08 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.51	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Sep-2020 16:08

SO-TC-165C-083120

20H0331-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 08/31/2020 14:00

Instrument: ICP2 Analyst: TCH — Analyzed: 09/03/2020 14:23

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20H0331-03 A 03

Preparation Batch: BII0031 — Sample Size: 25 mL (wet)

Prepared: 09/02/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0884	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Sep-2020 16:08

SO-TC-165C-083120

20H0331-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/31/2020 14:00

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 09/02/2020 16:36

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20H0331-03 A

Preparation Batch: BII0054 — Sample Size: 20.15 g (wet)

Prepared: 09/02/2020 — Final Volume: 20.15 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.88	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Sep-2020 16:08

TCLP Metals and Metallic Compounds - Quality Control

Batch BII0031 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BII0031-BLK1)					Prepared: 02-Sep-2020 Analyzed: 03-Sep-2020 14:01						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Sep-2020 16:08

Wet Chemistry - Quality Control

Batch BII0054 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BII0054-BS1)				Prepared: 02-Sep-2020 Analyzed: 02-Sep-2020 16:36							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			
Duplicate (BII0054-DUP1)		**Source: 20H0331-01**		Prepared: 02-Sep-2020 Analyzed: 02-Sep-2020 16:36							
pH	7.15	0.01	0.01	pH Units		7.19			0.56	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Sep-2020 16:08

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	04-Sep-2020 16:08

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

08 September 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20I0019	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2020.09.08 08:25:39 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20J0019	Turn-around Requested: 3 days	Date: 9/02/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 27.7
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-166A-090220	09/02/20	13:30	Soil	1	✔	✔							
SO-TC-166B-090220	09/02/20	13:45	Soil	1	✔	✔							
SO-TC-166C-090220	09/02/20	13:50	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 9/2/2020 2:55P.	Date & Time: 9/2/2020 1455	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Sep-2020 08:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-166A-090220	20I0019-01	Solid	02-Sep-2020 13:30	02-Sep-2020 14:55
SO-TC-166B-090220	20I0019-02	Solid	02-Sep-2020 13:45	02-Sep-2020 14:55
SO-TC-166C-090220	20I0019-03	Solid	02-Sep-2020 13:50	02-Sep-2020 14:55

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Sep-2020 08:22

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20I0019

Sample receipt

Samples as listed on the preceding page were received 02-Sep-2020 14:55 under ARI work order 20I0019. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20I0019-01 in batch BII0152. The duplicate (DUP) relative percent difference (RPD) were within limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Sample specific QC was performed in association with sample 20I0019-01 in batch BII0114. The duplicate (DUP) relative percent difference (RPD) were within limits and the matrix spike (MS) percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20I0019

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1455 — 27.7

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00 5206

Cooler Accepted by: JJ Date: 09/02/2020 Time: 1455

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: JJ Date: 09/02/2020 Time: 1518 Labels checked by: JJ

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20J0019

Cooler#: _____ **Temperature(°C):** 27.7

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 04/02/2020 Time: 1455

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Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Sep-2020 08:22

SO-TC-166A-090220

20I0019-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/02/2020 13:30

Instrument: ICP2 Analyst: TCH — Analyzed: 09/07/2020 11:15

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20I0019-01 A 03

Preparation Batch: BII0114 — Sample Size: 25 mL (wet)

Prepared: 09/04/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0722	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	1.78	mg/L	

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Sep-2020 08:22

SO-TC-166A-090220

20I0019-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/02/2020 13:30

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 09/06/2020 11:06

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20I0019-01 A

Preparation Batch: BII0152 — Sample Size: 20.06 g (wet)

Prepared: 09/06/2020 — Final Volume: 20.06 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.05	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Sep-2020 08:22

SO-TC-166B-090220

20I0019-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/02/2020 13:45

Instrument: ICP2 Analyst: TCH — Analyzed: 09/07/2020 10:52

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20I0019-02 A 03

Preparation Batch: BII0114 — Sample Size: 25 mL (wet)

Prepared: 09/04/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0723	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0068	mg/L	J

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Sep-2020 08:22

SO-TC-166B-090220

20I0019-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/02/2020 13:45

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 09/06/2020 11:06

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20I0019-02 A

Preparation Batch: BII0152 — Sample Size: 20.19 g (wet)

Prepared: 09/06/2020 — Final Volume: 20.19 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.59	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Sep-2020 08:22

SO-TC-166C-090220

20I0019-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/02/2020 13:50

Instrument: ICP2 Analyst: TCH — Analyzed: 09/07/2020 10:57

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20I0019-03 A 03

Preparation Batch: BII0114 — Sample Size: 25 mL (wet)

Prepared: 09/04/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0597	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0750	mg/L	J

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Sep-2020 08:22

SO-TC-166C-090220

20I0019-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/02/2020 13:50

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 09/06/2020 11:06

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20I0019-03 A

Preparation Batch: BII0152 — Sample Size: 20.12 g (wet)

Prepared: 09/06/2020 — Final Volume: 20.12 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.83	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Sep-2020 08:22

TCLP Metals and Metallic Compounds - Quality Control

Batch BII0114 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BII0114-BLK1)				Prepared: 04-Sep-2020 Analyzed: 07-Sep-2020 10:48							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BII0114-DUP1)		**Source: 20I0019-01**		Prepared: 04-Sep-2020 Analyzed: 07-Sep-2020 11:11							
Arsenic	0.0945	0.0140	0.250	mg/L		0.0722			26.70	20	L, J
Lead	1.80	0.0065	0.100	mg/L		1.78			1.24	20	
Matrix Spike (BII0114-MS1)		**Source: 20I0019-01**		Prepared: 04-Sep-2020 Analyzed: 07-Sep-2020 11:20							
Arsenic	4.43	0.0140	0.250	mg/L	4.00	0.0722	109	75-125			
Lead	5.77	0.0065	0.100	mg/L	4.00	1.78	99.8	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Sep-2020 08:22

Wet Chemistry - Quality Control

Batch BII0152 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BII0152-BS1)				Prepared: 06-Sep-2020 Analyzed: 06-Sep-2020 11:06							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			
Duplicate (BII0152-DUP1)		**Source: 20I0019-01**		Prepared: 06-Sep-2020 Analyzed: 06-Sep-2020 11:06							
pH	8.12	0.01	0.01	pH Units		8.05			0.87	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Sep-2020 08:22

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	08-Sep-2020 08:22

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

15 September 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20I0112	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2020.09.15 18:42:44 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 2070112	Turn-around Requested: 3 days	Date: 9/9/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 27.4
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-167A-090920	09/09/20	14:05	Soil	1	✔	✔							
SO-TC-167B-090920	09/09/20	14:10	Soil	1	✔	✔							
SO-TC-167C-090920	09/09/20	14:15	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Schwalter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 9/9/2020 1635	Date & Time: 09/09/2020 1635	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Sep-2020 18:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-167A-090920	20I0112-01	Solid	09-Sep-2020 14:05	09-Sep-2020 16:35
SO-TC-167B-090920	20I0112-02	Solid	09-Sep-2020 14:10	09-Sep-2020 16:35
SO-TC-167C-090920	20I0112-03	Solid	09-Sep-2020 14:15	09-Sep-2020 16:35

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Sep-2020 18:40

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20I0112

Sample receipt

Samples as listed on the preceding page were received 09-Sep-2020 16:35 under ARI work order 20I0112. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20I0112-01 in batch BII0280. The duplicate (DUP) relative percent difference (RPD) was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Sample specific QC was performed in association with sample 20I0112-01 in batch BII0273.The duplicate (DUP) relative percent difference (RPD) and matrix spike (MS) percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Spartan Plastics

COC No(s): ____ (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: ____

Assigned ARI Job No: 20J0112

Tracking No: ____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1635 27.4

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00 5206

Cooler Accepted by: JJ Date: 09/09/2020 Time: 1635

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: ____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: ____ Equipment: ____ Split by: ____

Samples Logged by: JJ Date: 09/09/2020 Time: 1734 Labels checked by: JJ

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20J0112

Cooler#: _____ **Temperature(°C):** 27.4

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JSm Date: 09/09/2020 Time: 1635

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Sep-2020 18:40

SO-TC-167A-090920

20I0112-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/09/2020 14:05

Instrument: ICP2 Analyst: SKM — Analyzed: 09/11/2020 19:06

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20I0112-01 A 03

Preparation Batch: BII0273 — Sample Size: 25 mL (wet)

Prepared: 09/11/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.156	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	11.5	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Sep-2020 18:40

SO-TC-167A-090920

20I0112-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/09/2020 14:05

Instrument: Accumet AB150 Analyst: JM — Analyzed: 09/11/2020 12:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20I0112-01 A

Preparation Batch: BII0280 — Sample Size: 20.5 g (wet)

Prepared: 09/11/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.54	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Sep-2020 18:40

SO-TC-167B-090920

20I0112-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/09/2020 14:10

Instrument: ICP2 Analyst: SKM — Analyzed: 09/11/2020 18:52

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20I0112-02 A 03

Preparation Batch: BII0273 — Sample Size: 25 mL (wet)

Prepared: 09/11/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0810	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	1.26	mg/L	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Sep-2020 18:40

SO-TC-167B-090920

20I0112-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/09/2020 14:10

Instrument: Accumet AB150 Analyst: JM — Analyzed: 09/11/2020 12:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20I0112-02 A

Preparation Batch: BII0280 — Sample Size: 20.49 g (wet)

Prepared: 09/11/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.03	pH Units	

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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Sep-2020 18:40

SO-TC-167C-090920

20I0112-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/09/2020 14:15

Instrument: ICP2 Analyst: SKM — Analyzed: 09/11/2020 18:57

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20I0112-03 A 03

Preparation Batch: BII0273 — Sample Size: 25 mL (wet)

Prepared: 09/11/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0559	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0294	mg/L	J

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Analytical Resources, Incorporated
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Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Sep-2020 18:40

SO-TC-167C-090920

20I0112-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/09/2020 14:15

Instrument: Accumet AB150 Analyst: JM — Analyzed: 09/11/2020 12:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20I0112-03 A

Preparation Batch: BII0280 — Sample Size: 20.64 g (wet)

Prepared: 09/11/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.01	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported: 15-Sep-2020 18:40

TCLP Metals and Metallic Compounds - Quality Control

Batch BII0273 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BII0273-BLK1)				Prepared: 11-Sep-2020 Analyzed: 11-Sep-2020 18:48							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BII0273-DUP1)		**Source: 20I0112-01**		Prepared: 11-Sep-2020 Analyzed: 11-Sep-2020 19:02							
Arsenic	0.174	0.0140	0.250	mg/L		0.156			10.60	20	J
Lead	11.6	0.0065	0.100	mg/L		11.5			0.56	20	
Matrix Spike (BII0273-MS1)		**Source: 20I0112-01**		Prepared: 11-Sep-2020 Analyzed: 11-Sep-2020 19:11							
Arsenic	4.47	0.0140	0.250	mg/L	4.00	0.156	108	75-125			
Lead	16.1	0.0065	0.100	mg/L	4.00	11.5	114	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Sep-2020 18:40

Wet Chemistry - Quality Control

Batch BII0280 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: JM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BII0280-BS1)				Prepared: 11-Sep-2020 Analyzed: 11-Sep-2020 12:04							
pH	6.95	0.01	0.01	pH Units	7.00		99.3	99.2-100.8			
Duplicate (BII0280-DUP1)		**Source: 20I0112-01**		Prepared: 11-Sep-2020 Analyzed: 11-Sep-2020 12:04							
pH	6.59	0.01	0.01	pH Units		6.54			0.76	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Sep-2020 18:40

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	15-Sep-2020 18:40

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

28 September 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20I0291	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2020.09.28 11:45:23 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20I0291	Turn-around Requested: 3 days	Date: 9/21/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 24.1
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-169A-092120	09/21/20	15:35	Soil	1	✔	✔							
SO-TC-169B-092120	09/21/20	15:40	Soil	1	✔	✔							
SO-TC-169C-092120	09/21/20	15:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time
	Kenny King	Kenny King	PERC	9/21/2020 16:44		Kenny Dang	ARI	9/21/20 1644								

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2020 11:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-169A-092120	20I0291-01	Solid	21-Sep-2020 15:35	21-Sep-2020 16:44
SO-TC-169B-092120	20I0291-02	Solid	21-Sep-2020 15:40	21-Sep-2020 16:44
SO-TC-169C-092120	20I0291-03	Solid	21-Sep-2020 15:45	21-Sep-2020 16:44

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2020 11:43

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20I0291

Sample receipt

Samples as listed on the preceding page were received 21-Sep-2020 16:44 under ARI work order 20I0291. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Kenny Kinney

Project Name: Superlon Plastics

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 20I0291

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

24.1

Time 16:44

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: DOO

Cooler Accepted by: KD Date: 9/21/20 Time: 1644

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	(NA)	YES	NO
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: SC Date: 09/21/2020 Time: 1619 Labels checked by: KD

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20I0291

Cooler#:	Temperature(°C): 24.1	
Sample ID	**Bottle Count**	**Bottle Type**
Samples received were above 6.0°C		

Cooler#:	Temperature(°C):	
Sample ID	**Bottle Count**	**Bottle Type**

Cooler#:	Temperature(°C):	
Sample ID	**Bottle Count**	**Bottle Type**

Cooler#:	Temperature(°C):	
Sample ID	**Bottle Count**	**Bottle Type**

Completed by: SC Date: 09/21/2020 Time: 16:44

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2020 11:43

SO-TC-169A-092120

20I0291-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/21/2020 15:35

Instrument: ICP2 Analyst: SKM — Analyzed: 09/24/2020 18:49

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20I0291-01 A 02

Preparation Batch: BII0669 — Sample Size: 25 mL (wet)

Prepared: 09/24/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.112	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.751	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2020 11:43

SO-TC-169A-092120

20I0291-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/21/2020 15:35

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 09/28/2020 08:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20I0291-01 A

Preparation Batch: BII0698 — Sample Size: 20.02 g (wet)

Prepared: 09/24/2020 — Final Volume: 20.02 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.71	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2020 11:43

SO-TC-169B-092120

20I0291-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/21/2020 15:40

Instrument: ICP2 Analyst: SKM — Analyzed: 09/24/2020 18:54

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20I0291-02 A 02

Preparation Batch: BII0669 — Sample Size: 25 mL (wet)

Prepared: 09/24/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0963	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0158	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2020 11:43

SO-TC-169B-092120

20I0291-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/21/2020 15:40

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 09/28/2020 08:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20I0291-02 A

Preparation Batch: BII0698 — Sample Size: 20.06 g (wet)

Prepared: 09/24/2020 — Final Volume: 20.06 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.15	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2020 11:43

SO-TC-169C-092120

20I0291-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/21/2020 15:45

Instrument: ICP2 Analyst: SKM — Analyzed: 09/25/2020 15:54

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20I0291-03 A 02

Preparation Batch: BII0669 — Sample Size: 25 mL (wet)

Prepared: 09/24/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.107	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.920	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2020 11:43

SO-TC-169C-092120

20I0291-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/21/2020 15:45

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 09/28/2020 08:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20I0291-03 A

Preparation Batch: BII0698 — Sample Size: 20.16 g (wet)

Prepared: 09/24/2020 — Final Volume: 20.16 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.36	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
28-Sep-2020 11:43

TCLP Metals and Metallic Compounds - Quality Control

Batch BII0669 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BII0669-BLK1)				Prepared: 24-Sep-2020 Analyzed: 24-Sep-2020 18:03							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0082	0.0065	0.100	mg/L							J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2020 11:43

Wet Chemistry - Quality Control

Batch BII0698 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BII0698-BS1)				Prepared: 24-Sep-2020 Analyzed: 28-Sep-2020 08:40							
pH	7.01	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BII0698-DUP1)		**Source: 20I0291-01**		Prepared: 24-Sep-2020 Analyzed: 28-Sep-2020 08:40							
pH	6.65	0.01	0.01	pH Units		6.71			0.90	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2020 11:43

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	28-Sep-2020 11:43

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

28 September 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20I0308	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2020.09.28 11:51:10 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20I0308	Turn-around Requested: 3 days	Date: 9/22/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 27.0
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-170A-092220	09/22/20	13:30	Soil	1	✔	✔							
SO-TC-170B-092220	09/22/20	13:35	Soil	1	✔	✔							
SO-TC-170C-092220	09/22/20	13:40	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Kenny Dang	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 9/22/2020 16:42	Date & Time: 9/22/20 1642	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2020 11:49

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-170A-092220	20I0308-01	Solid	22-Sep-2020 13:30	22-Sep-2020 16:42
SO-TC-170B-092220	20I0308-02	Solid	22-Sep-2020 13:35	22-Sep-2020 16:42
SO-TC-170C-092220	20I0308-03	Solid	22-Sep-2020 13:40	22-Sep-2020 16:42

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2020 11:49

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20I0308

Sample receipt

Samples as listed on the preceding page were received 22-Sep-2020 16:42 under ARI work order 20I0308. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PEPC
Project Name: Superlon Plastics
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 20I0308
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1642	27.0					

If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: D00 5206

Cooler Accepted by: KD Date: 9/22/20 Time: 1642

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 9/22/2020 Time: Labels checked by: SLF

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20I0308

Cooler#: 1 Temperature(°C): 27.0

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: KO Date: 9/22/20 Time: 1647

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2020 11:49

SO-TC-170A-092220

20I0308-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/22/2020 13:30

Instrument: ICP2 Analyst: SKM — Analyzed: 09/24/2020 19:12

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20I0308-01 A 02

Preparation Batch: BII0669 — Sample Size: 25 mL (wet)

Prepared: 09/24/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.125	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2020 11:49

SO-TC-170A-092220

20I0308-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/22/2020 13:30

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 09/28/2020 08:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20I0308-01 A

Preparation Batch: BII0698 — Sample Size: 20.04 g (wet)

Prepared: 09/24/2020 — Final Volume: 20.04 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.48	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2020 11:49

SO-TC-170B-092220

20I0308-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/22/2020 13:35

Instrument: ICP2 Analyst: SKM — Analyzed: 09/24/2020 19:16

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20I0308-02 A 02

Preparation Batch: BII0669 — Sample Size: 25 mL (wet)

Prepared: 09/24/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.138	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0066	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2020 11:49

SO-TC-170B-092220

20I0308-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/22/2020 13:35

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 09/28/2020 08:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20I0308-02 A

Preparation Batch: BII0698 — Sample Size: 20.19 g (wet)

Prepared: 09/24/2020 — Final Volume: 20.19 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.07	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2020 11:49

SO-TC-170C-092220

20I0308-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/22/2020 13:40

Instrument: ICP2 Analyst: SKM — Analyzed: 09/24/2020 19:21

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20I0308-03 A 02

Preparation Batch: BII0669 — Sample Size: 25 mL (wet)

Prepared: 09/24/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.107	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0097	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2020 11:49

SO-TC-170C-092220

20I0308-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/22/2020 13:40

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 09/28/2020 08:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20I0308-03 A

Preparation Batch: BII0698 — Sample Size: 20.05 g (wet)

Prepared: 09/24/2020 — Final Volume: 20.05 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.00	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
28-Sep-2020 11:49

TCLP Metals and Metallic Compounds - Quality Control

Batch BII0669 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BII0669-BLK1)				Prepared: 24-Sep-2020 Analyzed: 24-Sep-2020 18:03							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0082	0.0065	0.100	mg/L							J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
28-Sep-2020 11:49

Wet Chemistry - Quality Control

Batch BII0698 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BII0698-BS1)				Prepared: 24-Sep-2020 Analyzed: 28-Sep-2020 08:40							
pH	7.01	0.01	0.01	pH Units	7.00		100	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Sep-2020 11:49

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	28-Sep-2020 11:49

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

06 October 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20I0487	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2020.10.06 09:43:48 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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Accredited in accordance with nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20I0487	Turn-around Requested: 3 days	Date: 9/29/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 4	Cooler Temps: 27.8
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-171A-092920	09/29/20	11:10	Soil	1	✔	✔							
SO-TC-171B-092920	09/29/20	11:20	Soil	1	✔	✔							
SO-TC-171C-092920	09/29/20	11:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
-	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 9/29/20 16:43	Date & Time: 09/29/2020 1643	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Oct-2020 09:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-171A-092920	20I0487-01	Solid	29-Sep-2020 11:10	29-Sep-2020 16:43
SO-TC-171B-092920	20I0487-02	Solid	29-Sep-2020 11:20	29-Sep-2020 16:43
SO-TC-171C-092920	20I0487-03	Solid	29-Sep-2020 11:30	29-Sep-2020 16:43

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Oct-2020 09:41

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20I0487

Sample receipt

Samples as listed on the preceding page were received 29-Sep-2020 16:43 under ARI work order 20I0487. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20I0487 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time	1643	27.8					

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DOO 5206

Cooler Accepted by: JJ Date: 09/29/2020 Time: 1643

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JJ Date: 09/29/2020 Time: _____ Labels checked by: JJ

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20I0487

Cooler#: _____ **Temperature(°C):** 27.8

Sample ID	Bottle Count	Bottle Type
Samples received above 6°c		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JS Date: 09/29/2020 Time: 1643

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Oct-2020 09:41

SO-TC-171A-092920

20I0487-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/29/2020 11:10

Instrument: ICP2 Analyst: TCH — Analyzed: 10/02/2020 09:54

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20I0487-01 A 02

Preparation Batch: BIJ0005 — Sample Size: 25 mL (wet)

Prepared: 10/01/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.162	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Oct-2020 09:41

SO-TC-171A-092920

20I0487-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/29/2020 11:10

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 10/05/2020 09:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20I0487-01 A

Preparation Batch: BIJ0088 — Sample Size: 20.06 g (wet)

Prepared: 10/04/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.92	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Oct-2020 09:41

SO-TC-171B-092920

20I0487-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/29/2020 11:20

Instrument: ICP2 Analyst: TCH — Analyzed: 10/02/2020 10:27

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20I0487-02 A 02

Preparation Batch: BIJ0005 — Sample Size: 25 mL (wet)

Prepared: 10/01/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.183	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Oct-2020 09:41

SO-TC-171B-092920

20I0487-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/29/2020 11:20

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 10/05/2020 09:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20I0487-02 A

Preparation Batch: BIJ0088 — Sample Size: 20.15 g (wet)

Prepared: 10/04/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.22	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Oct-2020 09:41

SO-TC-171C-092920

20I0487-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 09/29/2020 11:30

Instrument: ICP2 Analyst: TCH — Analyzed: 10/02/2020 10:31

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20I0487-03 A 02

Preparation Batch: BIJ0005 — Sample Size: 25 mL (wet)

Prepared: 10/01/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.138	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Oct-2020 09:41

SO-TC-171C-092920

20I0487-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/29/2020 11:30

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 10/05/2020 09:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20I0487-03 A

Preparation Batch: BIJ0088 — Sample Size: 20.25 g (wet)

Prepared: 10/04/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.72	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
06-Oct-2020 09:41

TCLP Metals and Metallic Compounds - Quality Control

Batch BIJ0005 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIJ0005-BLK1)					Prepared: 01-Oct-2020 Analyzed: 02-Oct-2020 09:45						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Oct-2020 09:41

Wet Chemistry - Quality Control

Batch BIJ0088 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIJ0088-BS1)				Prepared: 04-Oct-2020 Analyzed: 05-Oct-2020 09:30							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Oct-2020 09:41

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	06-Oct-2020 09:41

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

13 October 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20J0075	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2020.10.13 14:44:42 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20J0075	Turn-around Requested: 3 days	Date: 10/6/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 26.6
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-172A-100620	10/06/20	15:20	Soil	1	✔	✔	
SO-TC-172B-100620	10/06/20	15:30	Soil	1	✔	✔	
SO-TC-172C-100620	10/06/20	15:40	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacobsalite	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/6/20 16:47	Date & Time: 10/06/2020 1647	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Oct-2020 14:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-172A-100620	20J0075-01	Solid	06-Oct-2020 15:20	06-Oct-2020 16:47
SO-TC-172B-100620	20J0075-02	Solid	06-Oct-2020 15:30	06-Oct-2020 16:47
SO-TC-172C-100620	20J0075-03	Solid	06-Oct-2020 15:40	06-Oct-2020 16:47

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Oct-2020 14:40

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20J0075

Sample receipt

Samples as listed on the preceding page were received 06-Oct-2020 16:47 under ARI work order 20J0075. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20J0075-01 in batch BIJ0305. The duplicate (DUP) relative percent difference (RPD) was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): ~~NA~~ Delivered by: Fed-Ex UPS Courier Hand Delivered Other: ____

Assigned ARI Job No: 20J0075 Tracking No: ____ ~~NA~~

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	~~YES~~	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 26.6

Time 1647

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00~~5006~~

Cooler Accepted by: JG Date: 10/06/2020 Time: 1647

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: ____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		~~YES~~	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)	____	

Were the sample(s) split by ARI? (NA) YES Date/Time: ____ Equipment: ____ Split by: ____

Samples Logged by: KD Date: 10/7/20 Time: 0821 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20J0075

Cooler#: _____ **Temperature(°C):** 26.6

Sample ID	Bottle Count	Bottle Type
Samples received above 6°c		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 10/06/2020 Time: 1647

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Oct-2020 14:40

SO-TC-172A-100620

20J0075-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/06/2020 15:20

Instrument: ICP2 Analyst: TCH — Analyzed: 10/12/2020 13:53

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0075-01 A 02

Preparation Batch: BIJ0308 — Sample Size: 25 mL (wet)

Prepared: 10/09/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.170	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0109	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Oct-2020 14:40

SO-TC-172A-100620

20J0075-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/06/2020 15:20

Instrument: UV1800-2 Analyst: UW — Analyzed: 10/09/2020 14:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0075-01 A 01

Preparation Batch: BIJ0305 — Sample Size: 20.04 g (wet)

Prepared: 10/09/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.37	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Oct-2020 14:40

SO-TC-172B-100620

20J0075-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/06/2020 15:30

Instrument: ICP2 Analyst: TCH — Analyzed: 10/12/2020 13:58

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0075-02 A 02

Preparation Batch: BIJ0308 — Sample Size: 25 mL (wet)

Prepared: 10/09/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.158	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Oct-2020 14:40

SO-TC-172B-100620

20J0075-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/06/2020 15:30

Instrument: UV1800-2 Analyst: UW — Analyzed: 10/09/2020 14:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0075-02 A 01

Preparation Batch: BIJ0305 — Sample Size: 20.27 g (wet)

Prepared: 10/09/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.44	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Oct-2020 14:40

SO-TC-172C-100620

20J0075-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/06/2020 15:40

Instrument: ICP2 Analyst: TCH — Analyzed: 10/12/2020 14:02

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0075-03 A 02

Preparation Batch: BIJ0308 — Sample Size: 25 mL (wet)

Prepared: 10/09/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0504	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0077	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Oct-2020 14:40

SO-TC-172C-100620

20J0075-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/06/2020 15:40
Instrument: UV1800-2 Analyst: UW — Analyzed: 10/09/2020 14:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0075-03 A 01
Preparation Batch: BIJ0305 — Sample Size: 20.31 g (wet)
Prepared: 10/09/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.56	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
13-Oct-2020 14:40

TCLP Metals and Metallic Compounds - Quality Control

Batch BIJ0308 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIJ0308-BLK1)					Prepared: 09-Oct-2020 Analyzed: 12-Oct-2020 12:54						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
13-Oct-2020 14:40

Wet Chemistry - Quality Control

Batch BIJ0305 - No Prep Wet Chem

Instrument: UV1800-2 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIJ0305-BS1)				Prepared: 09-Oct-2020 Analyzed: 09-Oct-2020 14:38							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			
Duplicate (BIJ0305-DUP1)		**Source: 20J0075-01**		Prepared: 09-Oct-2020 Analyzed: 09-Oct-2020 14:38							
pH	9.26	0.01	0.01	pH Units		9.37			1.18	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Oct-2020 14:40

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	13-Oct-2020 14:40

Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

13 October 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20J0096	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2020.10.13 15:04:13 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20J0096	Turn-around Requested: 3 days	Date: 10/7/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 21.6
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-173A-100620	10/06/20	15:18	Soil	1	✔	✔	
SO-TC-173B-100720	10/07/20	11:00	Soil	1	✔	✔	
SO-TC-173C-100720	10/07/20	11:19	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Kenny Davey	Printed Name:	Printed Name:
	Company: PERC	Company: ART	Company:	Company:
	Date & Time: 10/7/2020 16:46	Date & Time:	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Oct-2020 15:02

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-173A-100620	20J0096-01	Solid	06-Oct-2020 15:18	07-Oct-2020 16:46
SO-TC-173B-100620	20J0096-02	Solid	07-Oct-2020 11:00	07-Oct-2020 16:46
SO-TC-173C-100620	20J0096-03	Solid	07-Oct-2020 11:19	07-Oct-2020 16:46

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Oct-2020 15:02

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20J0096

Sample receipt

Samples as listed on the preceding page were received 07-Oct-2020 16:46 under ARI work order 20J0096. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): _____ (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 20J0096 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1646 21.6

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00-5-20C

Cooler Accepted by: KO Date: 10/7/20 Time: 1646

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JSW Date: 10/08/2020 Time: 0805 Labels checked by: JSW

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20J0096

Cooler#: 1 Temperature(°C): 21.6

Sample ID	Bottle Count	Bottle Type
samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: KP Date: 10/7/20 Time: 1646

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Oct-2020 15:02

SO-TC-173A-100620

20J0096-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/06/2020 15:18

Instrument: ICP2 Analyst: TCH — Analyzed: 10/12/2020 14:07

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0096-01 A 02

Preparation Batch: BIJ0308 — Sample Size: 25 mL (wet)

Prepared: 10/09/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0651	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0143	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Oct-2020 15:02

SO-TC-173A-100620

20J0096-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/06/2020 15:18

Instrument: UV1800-2 Analyst: UW — Analyzed: 10/09/2020 14:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0096-01 A 01

Preparation Batch: BIJ0305 — Sample Size: 20.02 g (wet)

Prepared: 10/09/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.76	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Oct-2020 15:02

SO-TC-173B-100620

20J0096-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/07/2020 11:00

Instrument: ICP2 Analyst: TCH — Analyzed: 10/12/2020 14:11

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0096-02 A 02

Preparation Batch: BIJ0308 — Sample Size: 25 mL (wet)

Prepared: 10/09/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0311	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0137	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Oct-2020 15:02

SO-TC-173B-100620

20J0096-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/07/2020 11:00

Instrument: UV1800-2 Analyst: UW — Analyzed: 10/09/2020 14:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0096-02 A 01

Preparation Batch: BIJ0305 — Sample Size: 20.06 g (wet)

Prepared: 10/09/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.46	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Oct-2020 15:02

SO-TC-173C-100620

20J0096-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/07/2020 11:19
Instrument: ICP2 Analyst: TCH — Analyzed: 10/12/2020 14:16

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0096-03 A 02
Preparation Batch: BIJ0308 — Sample Size: 25 mL (wet)
Prepared: 10/09/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0261	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0093	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Oct-2020 15:02

SO-TC-173C-100620

20J0096-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/07/2020 11:19

Instrument: UV1800-2 Analyst: UW — Analyzed: 10/09/2020 14:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0096-03 A 01

Preparation Batch: BIJ0305 — Sample Size: 20.16 g (wet)

Prepared: 10/09/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.34	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
13-Oct-2020 15:02

TCLP Metals and Metallic Compounds - Quality Control

Batch BIJ0308 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIJ0308-BLK1)					Prepared: 09-Oct-2020 Analyzed: 12-Oct-2020 12:54						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
13-Oct-2020 15:02

Wet Chemistry - Quality Control

Batch BIJ0305 - No Prep Wet Chem

Instrument: UV1800-2 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIJ0305-BS1)				Prepared: 09-Oct-2020 Analyzed: 09-Oct-2020 14:38							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Oct-2020 15:02

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	13-Oct-2020 15:02

Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

15 October 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20J0135	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2020.10.15 16:04:18 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20J0135	Turn-around Requested: 3 days	Date: 10/8/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 0	Cooler Temps: 26.2
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-174A-100720	10/07/20	11:30	Soil	1	✔	✔							
SO-TC-174B-100720	10/07/20	14:50	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Kenny Daney	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company: -	Company: -
	Date & Time: 10/7/2020 16:46	Date & Time: 10/8/20 1646	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2020 16:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-174A-100720	20J0135-01	Solid	07-Oct-2020 11:30	08-Oct-2020 16:46
SO-TC-174B-100720	20J0135-02	Solid	07-Oct-2020 14:50	08-Oct-2020 16:46

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2020 16:03

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20J0135

Sample receipt

Samples as listed on the preceding page were received 08-Oct-2020 16:46 under ARI work order 20J0135. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): _____ (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 20J0135 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1646 26.2 ___ ___ ___ ___ ___

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DOO S206

Cooler Accepted by: KD Date: 10/8/20 Time: 1646

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES (NO)

How were bottles sealed in plastic bags? Individually (Grouped) Not

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA) _____

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: KD Date: 10/9/20 Time: ~~1646~~ 0917 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: _____ Date: _____

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20J0135

Cooler#: Ø Temperature(°C): 26.2

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: KD Date: 10/8/20 Time: 1652

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2020 16:03

SO-TC-174A-100720

20J0135-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/07/2020 11:30

Instrument: ICP2 Analyst: TCH — Analyzed: 10/14/2020 14:21

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0135-01 A 02

Preparation Batch: BIJ0407 — Sample Size: 25 mL (wet)

Prepared: 10/13/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0436	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0185	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2020 16:03

SO-TC-174A-100720

20J0135-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/07/2020 11:30

Instrument: UV1800-2 Analyst: UW — Analyzed: 10/09/2020 14:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0135-01 A

Preparation Batch: BIJ0305 — Sample Size: 20.48 g (wet)

Prepared: 10/09/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.50	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2020 16:03

SO-TC-174B-100720

20J0135-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/07/2020 14:50

Instrument: ICP2 Analyst: TCH — Analyzed: 10/14/2020 14:26

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0135-02 A 02

Preparation Batch: BIJ0407 — Sample Size: 25 mL (wet)

Prepared: 10/13/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.134	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0792	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2020 16:03

SO-TC-174B-100720

20J0135-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/07/2020 14:50

Instrument: UV1800-2 Analyst: UW — Analyzed: 10/09/2020 14:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0135-02 A

Preparation Batch: BIJ0305 — Sample Size: 20.02 g (wet)

Prepared: 10/09/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.14	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
15-Oct-2020 16:03

TCLP Metals and Metallic Compounds - Quality Control

Batch BIJ0407 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIJ0407-BLK1)					Prepared: 13-Oct-2020 Analyzed: 14-Oct-2020 13:58						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0074	0.0065	0.100	mg/L							J

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
15-Oct-2020 16:03

Wet Chemistry - Quality Control

Batch BIJ0305 - No Prep Wet Chem

Instrument: UV1800-2 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIJ0305-BS1)				Prepared: 09-Oct-2020 Analyzed: 09-Oct-2020 14:38							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2020 16:03

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	15-Oct-2020 16:03

Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

15 October 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20J0134	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2020.10.15 16:00:18 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20J0134	Turn-around Requested: 3 days	Date: 10/8/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 0	Cooler Temps: 26.2
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-175A-100820	10/08/20	15:45	Soil	1	✔	✔							
SO-TC-175B-100820	10/08/20	15:50	Soil	1	✔	✔							
SO-TC-175C-100820	10/08/20	15:55	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Kenny Davey	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/8/2020 16:46	Date & Time: 10/8/20 1646	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2020 15:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-175A-100820	20J0134-01	Solid	08-Oct-2020 15:45	08-Oct-2020 16:46
SO-TC-175B-100820	20J0134-02	Solid	08-Oct-2020 15:50	08-Oct-2020 16:46
SO-TC-175C-100820	20J0134-03	Solid	08-Oct-2020 15:55	08-Oct-2020 16:46

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2020 15:59

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20J0134

Sample receipt

Samples as listed on the preceding page were received 08-Oct-2020 16:46 under ARI work order 20J0134. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 20J0134
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1646 — 26.2

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: DOO S206

Cooler Accepted by: KD Date: 10/8/20 Time: 1646

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: KD Date: 10/9/20 Time: 0908 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20J0134

Cooler#: 0 **Temperature(°C):** 26.2

Sample ID	Bottle Count	Bottle Type
samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: KD Date: 10/8/20 Time: 1652

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2020 15:59

SO-TC-175A-100820

20J0134-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/08/2020 15:45

Instrument: ICP2 Analyst: TCH — Analyzed: 10/14/2020 14:08

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0134-01 A 02

Preparation Batch: BIJ0407 — Sample Size: 25 mL (wet)

Prepared: 10/13/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.201	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0098	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2020 15:59

SO-TC-175A-100820

20J0134-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/08/2020 15:45

Instrument: UV1800-2 Analyst: UW — Analyzed: 10/09/2020 14:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0134-01 A

Preparation Batch: BIJ0305 — Sample Size: 20.39 g (wet)

Prepared: 10/09/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.70	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2020 15:59

SO-TC-175B-100820

20J0134-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/08/2020 15:50

Instrument: ICP2 Analyst: TCH — Analyzed: 10/14/2020 14:12

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0134-02 A 02

Preparation Batch: BIJ0407 — Sample Size: 25 mL (wet)

Prepared: 10/13/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.196	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0120	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2020 15:59

SO-TC-175B-100820

20J0134-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/08/2020 15:50

Instrument: UV1800-2 Analyst: UW — Analyzed: 10/09/2020 14:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0134-02 A

Preparation Batch: BIJ0305 — Sample Size: 20.61 g (wet)

Prepared: 10/09/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.53	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2020 15:59

SO-TC-175C-100820

20J0134-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/08/2020 15:55

Instrument: ICP2 Analyst: TCH — Analyzed: 10/14/2020 14:17

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0134-03 A 02

Preparation Batch: BIJ0407 — Sample Size: 25 mL (wet)

Prepared: 10/13/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0834	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0103	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2020 15:59

SO-TC-175C-100820

20J0134-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/08/2020 15:55
Instrument: UV1800-2 Analyst: UW — Analyzed: 10/09/2020 14:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0134-03 A
Preparation Batch: BIJ0305 — Sample Size: 20.04 g (wet)
Prepared: 10/09/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.48	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
15-Oct-2020 15:59

TCLP Metals and Metallic Compounds - Quality Control

Batch BIJ0407 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIJ0407-BLK1)					Prepared: 13-Oct-2020 Analyzed: 14-Oct-2020 13:58						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0074	0.0065	0.100	mg/L							J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2020 15:59

Wet Chemistry - Quality Control

Batch BIJ0305 - No Prep Wet Chem

Instrument: UV1800-2 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIJ0305-BS1)				Prepared: 09-Oct-2020 Analyzed: 09-Oct-2020 14:38							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Oct-2020 15:59

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	15-Oct-2020 15:59

Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

19 October 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20J0168	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2020.10.19 15:41:21 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006
PJLA Testing
Accreditation # 66169

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20J0168	Turn-around Requested: 3 days	Date: 10/12/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 25.2
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-176A-101220	10/12/20	13:58	Soil	1	✔	✔	
SO-TC-176B-101220	10/12/20	14:14	Soil	1	✔	✔	
SO-TC-176C-101220	10/12/20	15:20	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/12/2020 16:49	Date & Time: 10/12/2020 1649	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 15:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-176A-101220	20J0168-01	Solid	12-Oct-2020 13:58	12-Oct-2020 16:49
SO-TC-176B-101220	20J0168-02	Solid	12-Oct-2020 14:14	12-Oct-2020 16:49
SO-TC-176C-101220	20J0168-03	Solid	12-Oct-2020 15:20	12-Oct-2020 16:49

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 15:38

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20J0168

Sample receipt

Samples as listed on the preceding page were received 12-Oct-2020 16:49 under ARI work order 20J0168. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries was out of control low and has been flagged within the QC section of this report.

Sample specific QC was performed in association with sample 20J0168-01. The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Sample specific QC was performed in association with sample 20J0168-01 in batch BIJ0500. The duplicate (DUP) relative percent difference (RPD) and matrix spike (MS) percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20J0168

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1649 25.2

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00526

Cooler Accepted by: JG Date: 10/13/2020 Time: 1649

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: JG Date: 10/13/2020 Time: 1656 Labels checked by: JG

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20J0168

Cooler#: _____ **Temperature(°C):** 25.2

Sample ID	Bottle Count	Bottle Type
Samples received to be 6°c		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 10/19/2020 Time: 1649

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 15:38

SO-TC-176A-101220

20J0168-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/12/2020 13:58

Instrument: ICP2 Analyst: TCH — Analyzed: 10/16/2020 13:57

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0168-01 A 02

Preparation Batch: BIJ0500 — Sample Size: 25 mL (wet)

Prepared: 10/15/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0313	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 15:38

SO-TC-176A-101220

20J0168-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/12/2020 13:58

Instrument: Accumet AB150 Analyst: UW — Analyzed: 10/15/2020 16:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0168-01 A 01

Preparation Batch: BIJ0508 — Sample Size: 20.1 g (wet)

Prepared: 10/15/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.21	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 15:38

SO-TC-176B-101220

20J0168-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/12/2020 14:14

Instrument: ICP2 Analyst: TCH — Analyzed: 10/16/2020 13:30

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0168-02 A 02

Preparation Batch: BIJ0500 — Sample Size: 25 mL (wet)

Prepared: 10/15/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0518	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0070	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 15:38

SO-TC-176B-101220

20J0168-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/12/2020 14:14

Instrument: Accumet AB150 Analyst: UW — Analyzed: 10/15/2020 16:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0168-02 A 01

Preparation Batch: BIJ0508 — Sample Size: 20.02 g (wet)

Prepared: 10/15/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.37	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 15:38

SO-TC-176C-101220

20J0168-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/12/2020 15:20

Instrument: ICP2 Analyst: TCH — Analyzed: 10/16/2020 13:34

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0168-03 A 02

Preparation Batch: BIJ0500 — Sample Size: 25 mL (wet)

Prepared: 10/15/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0587	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 15:38

SO-TC-176C-101220

20J0168-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/12/2020 15:20

Instrument: Accumet AB150 Analyst: UW — Analyzed: 10/15/2020 16:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0168-03 A 01

Preparation Batch: BIJ0508 — Sample Size: 20.13 g (wet)

Prepared: 10/15/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.56	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 15:38

TCLP Metals and Metallic Compounds - Quality Control

Batch BIJ0500 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIJ0500-BLK1)				Prepared: 15-Oct-2020 Analyzed: 16-Oct-2020 13:21							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BIJ0500-DUP1)		**Source: 20J0168-01**		Prepared: 15-Oct-2020 Analyzed: 16-Oct-2020 13:53							
Arsenic	0.0342	0.0140	0.250	mg/L		0.0313			8.89	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BIJ0500-MS1)		**Source: 20J0168-01**		Prepared: 15-Oct-2020 Analyzed: 16-Oct-2020 14:02							
Arsenic	4.35	0.0140	0.250	mg/L	4.00	0.0313	108	75-125			
Lead	4.08	0.0065	0.100	mg/L	4.00	ND	102	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 15:38

Wet Chemistry - Quality Control

Batch BIJ0508 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIJ0508-BS1)				Prepared: 15-Oct-2020 Analyzed: 15-Oct-2020 16:15							
pH	6.93	0.01	0.01	pH Units	7.00		99.0	99.2-100.8			*
Duplicate (BIJ0508-DUP1)		**Source: 20J0168-01**		Prepared: 15-Oct-2020 Analyzed: 15-Oct-2020 16:15							
pH	6.18	0.01	0.01	pH Units		6.21			0.48	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 15:38

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	19-Oct-2020 15:38

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

19 October 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20J0189	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2020.10.19 16:36:03 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac Cert# 100006

PJLA Testing Accreditation # 66169

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20J0189	Turn-around Requested: 3 days	Date: 10/13/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 23.4
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

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Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-177A-101320	10/13/20	11:20	Soil	1	✔	✔	
SO-TC-177B-101320	10/13/20	11:30	Soil	1	✔	✔	
SO-TC-177C-101320	10/13/20	11:40	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Waltz	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/13/2020 16:46	Date & Time: 10/13/2020 1646	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 16:34

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-177A-101320	20J0189-01	Solid	13-Oct-2020 11:20	13-Oct-2020 16:46
SO-TC-177B-101320	20J0189-02	Solid	13-Oct-2020 11:30	13-Oct-2020 16:46
SO-TC-177C-101320	20J0189-03	Solid	13-Oct-2020 11:40	13-Oct-2020 16:46

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 16:34

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20J0189

Sample receipt

Samples as listed on the preceding page were received 13-Oct-2020 16:46 under ARI work order 20J0189. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20J0189

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

23.4

Time 1646

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00526

Cooler Accepted by: JB Date: 10/19/2020 Time: 1646

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: SC Date: 10/14/2020 Time: 0853 Labels checked by: SC

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20J0189

Cooler#: _____ Temperature(°C): 23.4

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 10/19/2020 Time: 1646

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 16:34

SO-TC-177A-101320

20J0189-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/13/2020 11:20

Instrument: ICP2 Analyst: TCH — Analyzed: 10/16/2020 14:34

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0189-01 A 02

Preparation Batch: BIJ0500 — Sample Size: 25 mL (wet)

Prepared: 10/15/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.128	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 16:34

SO-TC-177A-101320

20J0189-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/13/2020 11:20

Instrument: Accumet AB150 Analyst: UW — Analyzed: 10/15/2020 16:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0189-01 A 01

Preparation Batch: BIJ0508 — Sample Size: 20.45 g (wet)

Prepared: 10/15/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.51	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 16:34

SO-TC-177B-101320

20J0189-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/13/2020 11:30

Instrument: ICP2 Analyst: TCH — Analyzed: 10/16/2020 13:43

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0189-02 A 02

Preparation Batch: BIJ0500 — Sample Size: 25 mL (wet)

Prepared: 10/15/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.239	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 16:34

SO-TC-177B-101320

20J0189-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/13/2020 11:30

Instrument: Accumet AB150 Analyst: UW — Analyzed: 10/15/2020 16:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0189-02 A 01

Preparation Batch: BIJ0508 — Sample Size: 20.21 g (wet)

Prepared: 10/15/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.55	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 16:34

SO-TC-177C-101320

20J0189-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/13/2020 11:40

Instrument: ICP2 Analyst: TCH — Analyzed: 10/16/2020 13:48

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0189-03 A 02

Preparation Batch: BIJ0500 — Sample Size: 25 mL (wet)

Prepared: 10/15/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.149	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 16:34

SO-TC-177C-101320

20J0189-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/13/2020 11:40

Instrument: Accumet AB150 Analyst: UW — Analyzed: 10/15/2020 16:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0189-03 A 01

Preparation Batch: BIJ0508 — Sample Size: 20.28 g (wet)

Prepared: 10/15/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.61	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
19-Oct-2020 16:34

TCLP Metals and Metallic Compounds - Quality Control

Batch BIJ0500 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIJ0500-BLK1)					Prepared: 15-Oct-2020 Analyzed: 16-Oct-2020 13:21						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
19-Oct-2020 16:34

Wet Chemistry - Quality Control

Batch BIJ0508 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIJ0508-BS1)				Prepared: 15-Oct-2020 Analyzed: 15-Oct-2020 16:15							
pH	6.93	0.01	0.01	pH Units	7.00		99.0	99.2-100.8			*

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 16:34

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	19-Oct-2020 16:34

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

19 October 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20J0190	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2020.10.19 16:32:55 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20J0190	Turn-around Requested: 3 days	Date: 10/13/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 23.4
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

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4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-178A-101320	10/13/20	09:00	Soil	1	✔	✔							
SO-TC-178B-101320	10/13/20	09:15	Soil	1	✔	✔							
SO-TC-178C-101320	10/13/20	15:25	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/13/2020 16:46	Date & Time: 10/13/2020 1646	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 16:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-178A-101320	20J0190-01	Solid	13-Oct-2020 09:00	13-Oct-2020 16:46
SO-TC-178B-101320	20J0190-02	Solid	13-Oct-2020 09:15	13-Oct-2020 16:46
SO-TC-178C-101320	20J0190-03	Solid	13-Oct-2020 15:25	13-Oct-2020 16:46

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 16:30

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20J0190

Sample receipt

Samples as listed on the preceding page were received 13-Oct-2020 16:46 under ARI work order 20J0190. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20J0190

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

23.4

Time 1646

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00206

Cooler Accepted by: JB Date: 10/13/2020 Time: 1646

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:

Was sufficient ice used (if appropriate)? NA YES NO

How were bottles sealed in plastic bags? Individually Grouped Not

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI NA

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: SC Date: 10/14/20 Time: 1041 Labels checked by: SC

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20J0190

Cooler#: _____ Temperature(°C): 23.4

Sample ID	Bottle Count	Bottle Type
Samples received ice blue b'c		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: JBm Date: 10/17/2020 Time: 1646

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 16:30

SO-TC-178A-101320

20J0190-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/13/2020 09:00

Instrument: ICP2 Analyst: TCH — Analyzed: 10/16/2020 14:16

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0190-01 A 02

Preparation Batch: BIJ0500 — Sample Size: 25 mL (wet)

Prepared: 10/15/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0695	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0124	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 16:30

SO-TC-178A-101320

20J0190-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/13/2020 09:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 10/15/2020 16:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0190-01 A 01

Preparation Batch: BIJ0508 — Sample Size: 20.28 g (wet)

Prepared: 10/15/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.16	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 16:30

SO-TC-178B-101320

20J0190-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/13/2020 09:15

Instrument: ICP2 Analyst: TCH — Analyzed: 10/16/2020 14:20

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0190-02 A 02

Preparation Batch: BIJ0500 — Sample Size: 25 mL (wet)

Prepared: 10/15/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0718	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 16:30

SO-TC-178B-101320

20J0190-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/13/2020 09:15

Instrument: Accumet AB150 Analyst: UW — Analyzed: 10/15/2020 16:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0190-02 A 01

Preparation Batch: BIJ0508 — Sample Size: 20.18 g (wet)

Prepared: 10/15/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.70	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 16:30

SO-TC-178C-101320

20J0190-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/13/2020 15:25
Instrument: ICP2 Analyst: TCH — Analyzed: 10/16/2020 14:25

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0190-03 A 02
Preparation Batch: BIJ0500 — Sample Size: 25 mL (wet)
Prepared: 10/15/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0443	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 16:30

SO-TC-178C-101320

20J0190-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/13/2020 15:25
Instrument: Accumet AB150 Analyst: UW — Analyzed: 10/15/2020 16:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0190-03 A 01
Preparation Batch: BIJ0508 — Sample Size: 20.06 g (wet)
Prepared: 10/15/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.04	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
19-Oct-2020 16:30

TCLP Metals and Metallic Compounds - Quality Control

Batch BIJ0500 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIJ0500-BLK1)					Prepared: 15-Oct-2020 Analyzed: 16-Oct-2020 13:21						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 16:30

Wet Chemistry - Quality Control

Batch BIJ0508 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIJ0508-BS1)				Prepared: 15-Oct-2020 Analyzed: 15-Oct-2020 16:15							
pH	6.93	0.01	0.01	pH Units	7.00		99.0	99.2-100.8			*

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Oct-2020 16:30

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	19-Oct-2020 16:30

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

22 October 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20J0217	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2020.10.22 16:26:05 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20J0217	Turn-around Requested: 3 days	Date: 10/14/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 24.3
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-179A-101420	10/14/20	09:00	Soil	1	✔	✔							
SO-TC-179B-101420	10/14/20	09:15	Soil	1	✔	✔							
SO-TC-179C-101420	10/14/20	15:25	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/14/2020 4:46	Date & Time: 10/14/2020 1646	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocols will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2020 16:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-179A-101420	20J0217-01	Solid	14-Oct-2020 09:00	14-Oct-2020 16:46
SO-TC-179B-101420	20J0217-02	Solid	14-Oct-2020 09:15	14-Oct-2020 16:46
SO-TC-179C-101420	20J0217-03	Solid	14-Oct-2020 15:25	14-Oct-2020 16:46

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2020 16:11

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20J0217

Sample receipt

Samples as listed on the preceding page were received 14-Oct-2020 16:46 under ARI work order 20J0217. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were outside control limits low and has been flagged within the QC section of this report.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20J0217

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1646 24.3

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: DOO 5006

Cooler Accepted by: JG Date: 10/14/2020 Time: 1646

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:

Was sufficient ice used (if appropriate)? NA YES NO

How were bottles sealed in plastic bags? Individually Grouped Not

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI NA

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: JG Date: 10/14/2020 Time: 1648 Labels checked by: JG

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20J0217

Cooler#: _____ **Temperature(°C):** 24.7

Sample ID	Bottle Count	Bottle Type
Samples received above 6°c		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 10/14/2020 Time: 1646

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2020 16:11

SO-TC-179A-101420

20J0217-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/14/2020 09:00

Instrument: ICP2 Analyst: TCH — Analyzed: 10/21/2020 12:23

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0217-01 A 02

Preparation Batch: BIJ0599 — Sample Size: 25 mL (wet)

Prepared: 10/20/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0513	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0244	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2020 16:11

SO-TC-179A-101420

20J0217-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/14/2020 09:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 10/15/2020 16:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0217-01 A

Preparation Batch: BIJ0508 — Sample Size: 20.04 g (wet)

Prepared: 10/15/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.69	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2020 16:11

SO-TC-179B-101420

20J0217-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/14/2020 09:15

Instrument: ICP2 Analyst: TCH — Analyzed: 10/21/2020 12:28

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0217-02 A 02

Preparation Batch: BIJ0599 — Sample Size: 25 mL (wet)

Prepared: 10/20/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0718	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0126	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2020 16:11

SO-TC-179B-101420

20J0217-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/14/2020 09:15

Instrument: Accumet AB150 Analyst: UW — Analyzed: 10/15/2020 16:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0217-02 A

Preparation Batch: BIJ0508 — Sample Size: 20.3 g (wet)

Prepared: 10/15/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.76	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2020 16:11

SO-TC-179C-101420

20J0217-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/14/2020 15:25

Instrument: ICP2 Analyst: TCH — Analyzed: 10/21/2020 12:32

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0217-03 A 02

Preparation Batch: BIJ0599 — Sample Size: 25 mL (wet)

Prepared: 10/20/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0329	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0117	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2020 16:11

SO-TC-179C-101420

20J0217-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/14/2020 15:25

Instrument: Accumet AB150 Analyst: UW — Analyzed: 10/15/2020 16:15

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20J0217-03 A

Preparation Batch: BIJ0508 — Sample Size: 20.11 g (wet)

Prepared: 10/15/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.90	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
22-Oct-2020 16:11

TCLP Metals and Metallic Compounds - Quality Control

Batch BIJ0599 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIJ0599-BLK1)				Prepared: 20-Oct-2020 Analyzed: 21-Oct-2020 12:19							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0066	0.0065	0.100	mg/L							J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2020 16:11

Wet Chemistry - Quality Control

Batch BIJ0508 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIJ0508-BS1)				Prepared: 15-Oct-2020 Analyzed: 15-Oct-2020 16:15							
pH	6.93	0.01	0.01	pH Units	7.00		99.0	99.2-100.8			*

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Oct-2020 16:11

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	22-Oct-2020 16:11

Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

28 October 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20J0306	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2020.10.28 14:00:41 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Accredited in accordance with nelac
Cert# 100006

PJLA Testing
Accreditation # 66169

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20J0306	Turn-around Requested: 3 days	Date: 10/20/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 8	Cooler Temps: 21.7
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-180A-102020	10/20/20	15:30	Soil	1	✔	✔	
SO-TC-180B-102020	10/20/20	15:40	Soil	1	✔	✔	
SO-TC-180C-102020	10/20/20	15:50	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Smelter	Printed Name:	Printed Name:
	Company: PERC	Company: ADI	Company:	Company:
	Date & Time: 10/20/2020 16:51	Date & Time: 10/20/2020 1651	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Oct-2020 13:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-180A-102020	20J0306-01	Solid	20-Oct-2020 15:30	20-Oct-2020 16:51
SO-TC-180B-102020	20J0306-02	Solid	20-Oct-2020 15:40	20-Oct-2020 16:51
SO-TC-180C-102020	20J0306-03	Solid	20-Oct-2020 15:50	20-Oct-2020 16:51

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Oct-2020 13:58

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20J0306

Sample receipt

Samples as listed on the preceding page were received 20-Oct-2020 16:51 under ARI work order 20J0306. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were outside control limits low and has been flagged within the QC section of this report.

Sample specific QC was performed in association with sample 20J0306-01 in batch BIJ0714. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 20J0306

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1651 21.3

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00526

Cooler Accepted by: JG Date: 10/20/2020 Time: 1651

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES (NO)

How were bottles sealed in plastic bags? Individually (Grouped) Not

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA) _____

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: KD Date: 10/20/20 Time: 0825 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20J0306

Cooler#: _____ **Temperature(°C):** 21.3

Sample ID	Bottle Count	Bottle Type
Samples received about 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 10/20/2020 Time: 1651

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Oct-2020 13:58

SO-TC-180A-102020

20J0306-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/20/2020 15:30

Instrument: ICP2 Analyst: TCH — Analyzed: 10/23/2020 14:16

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0306-01 A 02

Preparation Batch: BIJ0678 — Sample Size: 25 mL (wet)

Prepared: 10/22/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.226	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Oct-2020 13:58

SO-TC-180A-102020

20J0306-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/20/2020 15:30

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 10/23/2020 13:24

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20J0306-01 A 03

Preparation Batch: BIJ0714 — Sample Size: 20.21 g (wet)

Prepared: 10/23/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.44	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Oct-2020 13:58

SO-TC-180B-102020

20J0306-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/20/2020 15:40

Instrument: ICP2 Analyst: TCH — Analyzed: 10/23/2020 14:20

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0306-02 A 02

Preparation Batch: BIJ0678 — Sample Size: 25 mL (wet)

Prepared: 10/22/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.114	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Oct-2020 13:58

SO-TC-180B-102020

20J0306-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/20/2020 15:40

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 10/23/2020 13:24

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20J0306-02 A 03

Preparation Batch: BIJ0714 — Sample Size: 20.27 g (wet)

Prepared: 10/23/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.67	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Oct-2020 13:58

SO-TC-180C-102020

20J0306-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/20/2020 15:50

Instrument: ICP2 Analyst: TCH — Analyzed: 10/23/2020 14:25

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0306-03 A 02

Preparation Batch: BIJ0678 — Sample Size: 25 mL (wet)

Prepared: 10/22/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.103	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Oct-2020 13:58

SO-TC-180C-102020

20J0306-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/20/2020 15:50

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 10/23/2020 13:24

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20J0306-03 A 03

Preparation Batch: BIJ0714 — Sample Size: 20.59 g (wet)

Prepared: 10/23/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.57	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
28-Oct-2020 13:58

TCLP Metals and Metallic Compounds - Quality Control

Batch BIJ0678 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIJ0678-BLK1)					Prepared: 22-Oct-2020 Analyzed: 23-Oct-2020 13:55						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Oct-2020 13:58

Wet Chemistry - Quality Control

Batch BIJ0714 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIJ0714-BS1)				Prepared: 23-Oct-2020 Analyzed: 23-Oct-2020 13:24							
pH	6.95	0.01	0.01	pH Units	7.00		99.3	99.2-100.8			
Duplicate (BIJ0714-DUP1)		**Source: 20J0306-01**		Prepared: 23-Oct-2020 Analyzed: 23-Oct-2020 13:24							
pH	9.54	0.01	0.01	pH Units		9.44			1.05	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Oct-2020 13:58

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	28-Oct-2020 13:58

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

29 October 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20J0326	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2020.10.29 13:44:12 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Shelly Fishel

Accredited in accordance with nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20J0326	Turn-around Requested: 5 days	Date: 10/21/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 2.3 .5
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-181A-102120	10/21/20	08:30	Soil	1	✔	✔							
SO-TC-181B-102120	10/21/20	08:45	Soil	1	✔	✔							
SO-TC-181C-102120	10/21/20	09:00	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Kenny Dang	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/21/2020 2:25	Date & Time: 10/21/20 1425	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Oct-2020 13:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-181A-102120	20J0326-01	Solid	21-Oct-2020 08:30	21-Oct-2020 14:25
SO-TC-181B-102120	20J0326-02	Solid	21-Oct-2020 08:45	21-Oct-2020 14:25
SO-TC-181C-102120	20J0326-03	Solid	21-Oct-2020 09:00	21-Oct-2020 14:25

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Oct-2020 13:33

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20J0326

Sample receipt

Samples as listed on the preceding page were received 21-Oct-2020 14:25 under ARI work order 20J0326. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were outside control limits low and has been flagged within the QC section of this report.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 20J0326
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1425	23.5					

If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: DOO S20C

Cooler Accepted by: KO Date: 10/21/20 Time: 1425

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? KO		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: KO Date: 10/21/20 Time: 1506 Labels checked by: KO

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20J0326

Cooler#: 1 Temperature(°C): 23.5

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: RD Date: 10/21/20 Time: 1425

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Oct-2020 13:33

SO-TC-181A-102120

20J0326-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/21/2020 08:30

Instrument: ICP2 Analyst: TCH — Analyzed: 10/28/2020 11:44

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0326-01 A 04

Preparation Batch: BIJ0767 — Sample Size: 25 mL (wet)

Prepared: 10/27/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0684	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0094	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Oct-2020 13:33

SO-TC-181A-102120

20J0326-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/21/2020 08:30

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 10/23/2020 13:24

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20J0326-01 A 03

Preparation Batch: BIJ0714 — Sample Size: 20.07 g (wet)

Prepared: 10/23/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.62	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Oct-2020 13:33

SO-TC-181B-102120

20J0326-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/21/2020 08:45

Instrument: ICP2 Analyst: TCH — Analyzed: 10/28/2020 11:49

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0326-02 A 04

Preparation Batch: BIJ0767 — Sample Size: 25 mL (wet)

Prepared: 10/27/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0380	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Oct-2020 13:33

SO-TC-181B-102120

20J0326-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/21/2020 08:45

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 10/23/2020 13:24

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20J0326-02 A 03

Preparation Batch: BIJ0714 — Sample Size: 20.3 g (wet)

Prepared: 10/23/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.29	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Oct-2020 13:33

SO-TC-181C-102120

20J0326-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/21/2020 09:00

Instrument: ICP2 Analyst: TCH — Analyzed: 10/28/2020 12:33

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0326-03 A 04

Preparation Batch: BIJ0767 — Sample Size: 25 mL (wet)

Prepared: 10/27/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0832	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0119	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Oct-2020 13:33

SO-TC-181C-102120

20J0326-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/21/2020 09:00

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 10/23/2020 13:24

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20J0326-03 A 03

Preparation Batch: BIJ0714 — Sample Size: 20.21 g (wet)

Prepared: 10/23/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.66	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Oct-2020 13:33

TCLP Metals and Metallic Compounds - Quality Control

Batch BIJ0767 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIJ0767-BLK1)					Prepared: 27-Oct-2020 Analyzed: 28-Oct-2020 11:14						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
LCS (BIJ0767-BS1)					Prepared: 27-Oct-2020 Analyzed: 28-Oct-2020 11:53						
Arsenic	4.17	0.0140	0.250	mg/L	4.00		104	80-120			
Lead	4.12	0.0065	0.100	mg/L	4.00		103	80-120			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Oct-2020 13:33

Wet Chemistry - Quality Control

Batch BIJ0714 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIJ0714-BS1)				Prepared: 23-Oct-2020 Analyzed: 23-Oct-2020 13:24							
pH	6.95	0.01	0.01	pH Units	7.00		99.3	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Oct-2020 13:33

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	29-Oct-2020 13:33

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

02 November 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20J0380	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2020.11.02 18:01:43 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20J0380	Turn-around Requested: 3 days	Date: 10/27/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 21.7
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-182A-102720	10/27/20	11:25	Soil	1	✓	✓	
SO-TC-182B-102720	10/27/20	11:30	Soil	1	✓	✓	
SO-TC-182C-102720	10/27/20	11:35	Soil	1	✓	✓	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	10/27/20 16:55		Jacob Walter	ARI	10/27/2020 1655								

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2020 18:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-182A-102720	20J0380-01	Solid	27-Oct-2020 11:25	27-Oct-2020 16:55
SO-TC-182B-102720	20J0380-02	Solid	27-Oct-2020 11:30	27-Oct-2020 16:55
SO-TC-182C-102720	20J0380-03	Solid	27-Oct-2020 11:35	27-Oct-2020 16:55

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2020 18:00

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20J0380

Sample receipt

Samples as listed on the preceding page were received 27-Oct-2020 16:55 under ARI work order 20J0380. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were outside control limits low and has been flagged within the QC section of this report.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: ____

Assigned ARI Job No: 20J0380 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1655 21.7

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 5206

Cooler Accepted by: JB Date: 10/27/2020 Time: 1655

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI.	NA		

Were the sample(s) split by ARI? NA YES Date/Time: ____ Equipment: ____ Split by: ____

Samples Logged by: SL Date: 10/28/2020 Time: 0828 Labels checked by: SL

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20J0380

Cooler#: _____ **Temperature(°C):** 21.7

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 10/27/2020 Time: 1655

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2020 18:00

SO-TC-182A-102720

20J0380-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/27/2020 11:25

Instrument: ICP2 Analyst: SKM — Analyzed: 10/30/2020 12:50

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0380-01 A 02

Preparation Batch: BIJ0836 — Sample Size: 25 mL (wet)

Prepared: 10/29/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0262	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0083	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2020 18:00

SO-TC-182A-102720

20J0380-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/27/2020 11:25

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/02/2020 13:23

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20J0380-01 A 03

Preparation Batch: BIK0015 — Sample Size: 21.611 g (wet)

Prepared: 11/02/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	8.96	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2020 18:00

SO-TC-182B-102720

20J0380-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/27/2020 11:30

Instrument: ICP2 Analyst: SKM — Analyzed: 10/30/2020 12:54

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0380-02 A 02

Preparation Batch: BIJ0836 — Sample Size: 25 mL (wet)

Prepared: 10/29/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0483	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.689	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2020 18:00

SO-TC-182B-102720

20J0380-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/27/2020 11:30

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/02/2020 13:23

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20J0380-02 A 03

Preparation Batch: BIK0015 — Sample Size: 20.338 g (wet)

Prepared: 11/02/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.46	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2020 18:00

SO-TC-182C-102720

20J0380-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/27/2020 11:35

Instrument: ICP2 Analyst: SKM — Analyzed: 10/30/2020 12:59

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0380-03 A 02

Preparation Batch: BIJ0836 — Sample Size: 25 mL (wet)

Prepared: 10/29/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0363	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.735	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2020 18:00

SO-TC-182C-102720

20J0380-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/27/2020 11:35

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/02/2020 13:23

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20J0380-03 A 03

Preparation Batch: BIK0015 — Sample Size: 20.181 g (wet)

Prepared: 11/02/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.81	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
02-Nov-2020 18:00

TCLP Metals and Metallic Compounds - Quality Control

Batch BIJ0836 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIJ0836-BLK1)				Prepared: 29-Oct-2020 Analyzed: 30-Oct-2020 12:32							
Arsenic	0.0149	0.0140	0.250	mg/L							J
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2020 18:00

Wet Chemistry - Quality Control

Batch BIK0015 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIK0015-BS1)				Prepared: 02-Nov-2020 Analyzed: 02-Nov-2020 13:23							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2020 18:00

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2020 18:00

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

02 November 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20J0379	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2020.11.02 17:56:47 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20J0379	Turn-around Requested: 3 days	Date: 10/27/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 21.7
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-183A-102120	10/21/20	13:45	Soil	1	✓	✓	
SO-TC-183B-102720	10/27/20	08:58	Soil	1	✓	✓	
SO-TC-183C-102720	10/27/20	09:45	Soil	1	✓	✓	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/27/20 16:55	Date & Time: 10/27/2020 1655	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	02-Nov-2020 17:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-183A-102120	20J0379-01	Solid	21-Oct-2020 13:45	27-Oct-2020 16:55
SO-TC-183B-102720	20J0379-02	Solid	27-Oct-2020 08:58	27-Oct-2020 16:55
SO-TC-183C-102720	20J0379-03	Solid	27-Oct-2020 09:45	27-Oct-2020 16:55

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2020 17:55

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20J0379

Sample receipt

Samples as listed on the preceding page were received 27-Oct-2020 16:55 under ARI work order 20J0379. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were outside control limits low and has been flagged within the QC section of this report.

Sample specific QC was performed in association with sample 20J0379-01 in batch BIK0015. The duplicate RPD was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superior Plastics
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 20J0379
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)
Time 1655 21.7

If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: D00 5306

Cooler Accepted by: JB Date: 10/07/2020 Time: 1655

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: SL Date: 10/28/2020 Time: 0810 Labels checked by: SL

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20J0379

Cooler#: _____ Temperature(°C): 21.7

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: [illegible] Date: 10/27/2020 Time: 1655

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2020 17:55

SO-TC-183A-102120

20J0379-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/21/2020 13:45

Instrument: ICP2 Analyst: SKM — Analyzed: 10/30/2020 12:36

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0379-01 A 02

Preparation Batch: BIJ0836 — Sample Size: 25 mL (wet)

Prepared: 10/29/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0936	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0098	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2020 17:55

SO-TC-183A-102120

20J0379-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/21/2020 13:45

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/02/2020 13:23

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20J0379-01 A 03

Preparation Batch: BIK0015 — Sample Size: 20.732 g (wet)

Prepared: 11/02/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.31	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2020 17:55

SO-TC-183B-102720

20J0379-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/27/2020 08:58

Instrument: ICP2 Analyst: SKM — Analyzed: 10/30/2020 12:41

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0379-02 A 02

Preparation Batch: BIJ0836 — Sample Size: 25 mL (wet)

Prepared: 10/29/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0882	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0167	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2020 17:55

SO-TC-183B-102720

20J0379-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/27/2020 08:58

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/02/2020 13:23

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20J0379-02 A 03

Preparation Batch: BIK0015 — Sample Size: 20.122 g (wet)

Prepared: 11/02/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.78	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2020 17:55

SO-TC-183C-102720

20J0379-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/27/2020 09:45

Instrument: ICP2 Analyst: SKM — Analyzed: 10/30/2020 12:45

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0379-03 A 02

Preparation Batch: BIJ0836 — Sample Size: 25 mL (wet)

Prepared: 10/29/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0880	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0285	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2020 17:55

SO-TC-183C-102720

20J0379-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/27/2020 09:45

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/02/2020 13:23

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20J0379-03 A 03

Preparation Batch: BIK0015 — Sample Size: 20.213 g (wet)

Prepared: 11/02/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.93	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
02-Nov-2020 17:55

TCLP Metals and Metallic Compounds - Quality Control

Batch BIJ0836 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIJ0836-BLK1)				Prepared: 29-Oct-2020 Analyzed: 30-Oct-2020 12:32							
Arsenic	0.0149	0.0140	0.250	mg/L							J
Lead	ND	0.0065	0.100	mg/L							U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
02-Nov-2020 17:55

Wet Chemistry - Quality Control

Batch BIK0015 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIK0015-BS1)				Prepared: 02-Nov-2020 Analyzed: 02-Nov-2020 13:23							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			
Duplicate (BIK0015-DUP1)		**Source: 20J0379-01**		Prepared: 02-Nov-2020 Analyzed: 02-Nov-2020 13:23							
pH	6.39	0.01	0.01	pH Units		6.31			1.26	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2020 17:55

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2020 17:55

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

05 November 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20J0392	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2020.11.05 07:41:49 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Accredited in accordance with nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20J0392	Turn-around Requested: 5 days	Date: 10/28/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 22.4
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C	Analysis Requested						Notes/Comments
SO-TC-184A-102820	10/28/20	15:40	Soil	1	✔	✔							
SO-TC-184B-102820	10/28/20	15:50	Soil	1	✔	✔							
SO-TC-184C-102820	10/28/20	16:00	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Jacob Leathe	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/28/2020 1645	Date & Time: 10/28/2020 1645	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Nov-2020 07:36

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-184A-102820	20J0392-01	Solid	28-Oct-2020 15:40	29-Oct-2020 08:20
SO-TC-184B-102820	20J0392-02	Solid	28-Oct-2020 15:50	29-Oct-2020 08:20
SO-TC-184C-102820	20J0392-03	Solid	28-Oct-2020 16:00	29-Oct-2020 08:20

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Nov-2020 07:36

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20J0392

Sample receipt

Samples as listed on the preceding page were received 29-Oct-2020 08:20 under ARI work order 20J0392. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20J0392-01 in batch BIK0113. The duplicate (DUP) relative percent difference (RPD) was within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 20J0392
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1645 — 22.4

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: D00 5206

Cooler Accepted by: JM Date: 10/28/2020 Time: 1645

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: KD Date: 10/29/20 Time: 1645 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 2050392

Cooler#: _____ **Temperature(°C):** 22.4

Sample ID	Bottle Count	Bottle Type
Samples received above 6°c		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 10/28/2020 Time: 1645

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Nov-2020 07:36

SO-TC-184A-102820

20J0392-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/28/2020 15:40

Instrument: ICP2 Analyst: SKM — Analyzed: 11/03/2020 17:49

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0392-01 A 02

Preparation Batch: BIK0047 — Sample Size: 25 mL (wet)

Prepared: 11/03/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0151	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Nov-2020 07:36

SO-TC-184A-102820

20J0392-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/28/2020 15:40

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/04/2020 15:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20J0392-01 A 03

Preparation Batch: BIK0113 — Sample Size: 21.27 g (wet)

Prepared: 11/04/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	8.53	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Nov-2020 07:36

SO-TC-184B-102820

20J0392-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/28/2020 15:50

Instrument: ICP2 Analyst: SKM — Analyzed: 11/03/2020 17:54

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0392-02 A 02

Preparation Batch: BIK0047 — Sample Size: 25 mL (wet)

Prepared: 11/03/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	2.04	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Nov-2020 07:36

SO-TC-184B-102820

20J0392-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/28/2020 15:50

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/04/2020 15:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20J0392-02 A 03

Preparation Batch: BIK0113 — Sample Size: 20.68 g (wet)

Prepared: 11/04/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.09	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Nov-2020 07:36

SO-TC-184C-102820

20J0392-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/28/2020 16:00

Instrument: ICP2 Analyst: SKM — Analyzed: 11/03/2020 17:58

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20J0392-03 A 02

Preparation Batch: BIK0047 — Sample Size: 25 mL (wet)

Prepared: 11/03/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	5.22	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Nov-2020 07:36

SO-TC-184C-102820

20J0392-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/28/2020 16:00

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/04/2020 15:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20J0392-03 A 03

Preparation Batch: BIK0113 — Sample Size: 20.8 g (wet)

Prepared: 11/04/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.81	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
05-Nov-2020 07:36

TCLP Metals and Metallic Compounds - Quality Control

Batch BIK0047 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIK0047-BLK1)					Prepared: 03-Nov-2020 Analyzed: 03-Nov-2020 17:44						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
05-Nov-2020 07:36

Wet Chemistry - Quality Control

Batch BIK0113 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIK0113-BS1)				Prepared: 04-Nov-2020 Analyzed: 04-Nov-2020 15:00							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			
Duplicate (BIK0113-DUP1)		**Source: 20J0392-01**		Prepared: 04-Nov-2020 Analyzed: 04-Nov-2020 15:00							
pH	8.64	0.009	0.009	pH Units		8.53			1.28	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Nov-2020 07:36

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	05-Nov-2020 07:36

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

09 November 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20K0043	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2020.11.09 16:20:40 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20K0043	Turn-around Requested: 3 days	Date: 11/03/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 27.5
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-185A-110320	11/03/20	11:35	Soil	1	✔	✔							
SO-TC-185B-110320	11/03/20	11:40	Soil	1	✔	✔							
SO-TC-185C-110320	11/03/20	11:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacobsalter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/3/2020 16:52	Date & Time: 11/03/2020 1652	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2020 16:19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-185A-110320	20K0043-01	Solid	03-Nov-2020 11:35	03-Nov-2020 16:52
SO-TC-185B-110320	20K0043-02	Solid	03-Nov-2020 11:40	03-Nov-2020 16:52
SO-TC-185C-110320	20K0043-03	Solid	03-Nov-2020 11:45	03-Nov-2020 16:52

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2020 16:19

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20K0043

Sample receipt

Samples as listed on the preceding page were received 03-Nov-2020 16:52 under ARI work order 20K0043. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Cooler Receipt Form

ARI Client: PERC Project Name: Speclar Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20K0043 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time: ____ 3.5

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 52006

Cooler Accepted by: JS Date: 11/03/2020 Time: 1652

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: ____ Equipment: ____ Split by: ____

Samples Logged by: SC Date: 11/14/2020 Time: 0927 Labels checked by: SC

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: ____ Date: ____

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20K0043

Cooler#: _____ Temperature(°C): 27.5

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 11/07/2020 Time: 1652

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2020 16:19

SO-TC-185A-110320

20K0043-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/03/2020 11:35

Instrument: ICP2 Analyst: TCH — Analyzed: 11/06/2020 17:53

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20K0043-01 A 03

Preparation Batch: BIK0174 — Sample Size: 25 mL (wet)

Prepared: 11/06/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0614	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.159	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2020 16:19

SO-TC-185A-110320

20K0043-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/03/2020 11:35

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/04/2020 15:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20K0043-01 A 01

Preparation Batch: BIK0113 — Sample Size: 20.35 g (wet)

Prepared: 11/04/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.17	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2020 16:19

SO-TC-185B-110320

20K0043-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/03/2020 11:40

Instrument: ICP2 Analyst: TCH — Analyzed: 11/06/2020 17:58

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20K0043-02 A 03

Preparation Batch: BIK0174 — Sample Size: 25 mL (wet)

Prepared: 11/06/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0305	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0714	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2020 16:19

SO-TC-185B-110320

20K0043-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/03/2020 11:40

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/04/2020 15:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20K0043-02 A 01

Preparation Batch: BIK0113 — Sample Size: 20.06 g (wet)

Prepared: 11/04/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.91	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2020 16:19

SO-TC-185C-110320

20K0043-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/03/2020 11:45

Instrument: ICP2 Analyst: TCH — Analyzed: 11/06/2020 18:02

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20K0043-03 A 03

Preparation Batch: BIK0174 — Sample Size: 25 mL (wet)

Prepared: 11/06/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0475	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2020 16:19

SO-TC-185C-110320

20K0043-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/03/2020 11:45

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/04/2020 15:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20K0043-03 A 01

Preparation Batch: BIK0113 — Sample Size: 20.22 g (wet)

Prepared: 11/04/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.33	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
09-Nov-2020 16:19

TCLP Metals and Metallic Compounds - Quality Control

Batch BIK0174 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIK0174-BLK1)					Prepared: 06-Nov-2020 Analyzed: 06-Nov-2020 17:44						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2020 16:19

Wet Chemistry - Quality Control

Batch BIK0113 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIK0113-BS1)				Prepared: 04-Nov-2020 Analyzed: 04-Nov-2020 15:00							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2020 16:19

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	09-Nov-2020 16:19

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

09 November 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20K0042	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2020.11.09 16:16:44 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Accredited in accordance with nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20K0042	Turn-around Requested: 3 days	Date: 11/03/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 27.5
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C	Analysis Requested						Notes/Comments
SO-TC-186A-102820	10/28/20	08:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/3/2020 16:52	Date & Time: 11/03/2020 1652	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2020 16:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-186A-102820	20K0042-01	Solid	28-Oct-2020 08:30	03-Nov-2020 16:52

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2020 16:13

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20K0042

Sample receipt

One samples as listed on the preceding page were received 03-Nov-2020 16:52 under ARI work order 20K0042. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Syperlan Plastics

COC No(s): ~~NA~~ Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 20K0042 Tracking No: ~~NA~~

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	~~NO~~
Were custody papers included with the cooler?	~~YES~~	NO
Were custody papers properly filled out (ink, signed, etc.)	~~YES~~	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time :	775	___	___	___	___	___

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DOO 5206

Cooler Accepted by: JS Date: 11/03/2020 Time: 1652

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	~~NO~~
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs ~~Baggies~~ Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	~~NO~~
How were bottles sealed in plastic bags?	Individually	~~Grouped~~	Not
Did all bottles arrive in good condition (unbroken)?		~~YES~~	NO
Were all bottle labels complete and legible?		~~YES~~	NO
Did the number of containers listed on COC match with the number of containers received?		~~YES~~	NO
Did all bottle labels and tags agree with custody papers?		~~YES~~	NO
Were all bottles used correct for the requested analyses?		~~YES~~	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	~~NA~~	YES	NO
Were all VOC vials free of air bubbles?	~~NA~~	YES	NO
Was sufficient amount of sample sent in each bottle?		~~YES~~	NO
Date VOC Trip Blank was made at ARI	~~NA~~		

Were the sample(s) split by ARI? ~~NA~~ YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: SC Date: 11/4/2020 Time: 0912 Labels checked by: SC

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20K0042

Cooler#: _____ **Temperature(°C):** 27.5

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 11/07/2020 Time: 1652

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2020 16:13

SO-TC-186A-102820

20K0042-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 10/28/2020 08:30

Instrument: ICP2 Analyst: TCH — Analyzed: 11/06/2020 17:49

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20K0042-01 A 03

Preparation Batch: BIK0174 — Sample Size: 25 mL (wet)

Prepared: 11/06/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.106	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.100	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2020 16:13

SO-TC-186A-102820

20K0042-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/28/2020 08:30

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/04/2020 15:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20K0042-01 A 01

Preparation Batch: BIK0113 — Sample Size: 20.95 g (wet)

Prepared: 11/04/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.86	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
09-Nov-2020 16:13

TCLP Metals and Metallic Compounds - Quality Control

Batch BIK0174 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIK0174-BLK1)					Prepared: 06-Nov-2020 Analyzed: 06-Nov-2020 17:44						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2020 16:13

Wet Chemistry - Quality Control

Batch BIK0113 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIK0113-BS1)				Prepared: 04-Nov-2020 Analyzed: 04-Nov-2020 15:00							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2020 16:13

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	09-Nov-2020 16:13

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

12 November 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20K0066	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2020.11.12 16:03:02 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20K0066	Turn-around Requested: 5 days	Date: 11/04/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 21.8
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-187A-110420	11/04/20	13:35	Soil	1	✔	✔	
SO-TC-187B-110420	11/04/20	13:45	Soil	1	✔	✔	
SO-TC-187C-110420	11/04/20	13:54	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Jeff King	Printed Name: Sandra Salter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/4/2020 3:12PM	Date & Time: 11/04/2020 1512	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2020 16:01

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-187A-110420	20K0066-01	Solid	04-Nov-2020 13:35	04-Nov-2020 15:12
SO-TC-187B-110420	20K0066-02	Solid	04-Nov-2020 13:45	04-Nov-2020 15:12
SO-TC-187C-110420	20K0066-03	Solid	04-Nov-2020 13:54	04-Nov-2020 15:12

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2020 16:01

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20K0066

Sample receipt

Samples as listed on the preceding page were received 04-Nov-2020 15:12 under ARI work order 20K0066. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20K0066-01 in batch BIK0259. The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): _____ (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 20K0066 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1512 21.8

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 (206)

Cooler Accepted by: JS Date: 11/04/20 Time: 1512

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)	_____	

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: KD Date: 11/4/20 Time: 1522 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: _____

Cooler#: _____ **Temperature(°C):** 2.1, 1.8

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 11/04/2020 Time: 1512

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2020 16:01

SO-TC-187A-110420

20K0066-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/04/2020 13:35

Instrument: ICP2 Analyst: TCH — Analyzed: 11/06/2020 18:41

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20K0066-01 A 02

Preparation Batch: BIK0174 — Sample Size: 25 mL (wet)

Prepared: 11/06/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.135	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.798	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2020 16:01

SO-TC-187A-110420

20K0066-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/04/2020 13:35

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 11/11/2020 18:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20K0066-01 A

Preparation Batch: BIK0259 — Sample Size: 20.25 g (wet)

Prepared: 11/10/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.55	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2020 16:01

SO-TC-187B-110420

20K0066-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/04/2020 13:45

Instrument: ICP2 Analyst: TCH — Analyzed: 11/06/2020 18:45

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20K0066-02 A 02

Preparation Batch: BIK0174 — Sample Size: 25 mL (wet)

Prepared: 11/06/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0752	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2020 16:01

SO-TC-187B-110420

20K0066-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/04/2020 13:45

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 11/11/2020 18:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20K0066-02 A

Preparation Batch: BIK0259 — Sample Size: 20.27 g (wet)

Prepared: 11/10/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.44	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2020 16:01

SO-TC-187C-110420

20K0066-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/04/2020 13:54

Instrument: ICP2 Analyst: TCH — Analyzed: 11/06/2020 18:50

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20K0066-03 A 02

Preparation Batch: BIK0174 — Sample Size: 25 mL (wet)

Prepared: 11/06/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0437	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.122	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2020 16:01

SO-TC-187C-110420

20K0066-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/04/2020 13:54

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 11/11/2020 18:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 20K0066-03 A

Preparation Batch: BIK0259 — Sample Size: 20.12 g (wet)

Prepared: 11/10/2020 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.59	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
12-Nov-2020 16:01

TCLP Metals and Metallic Compounds - Quality Control

Batch BIK0174 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIK0174-BLK1)					Prepared: 06-Nov-2020 Analyzed: 06-Nov-2020 17:44						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
12-Nov-2020 16:01

Wet Chemistry - Quality Control

Batch BIK0259 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIK0259-BS1)				Prepared: 10-Nov-2020 Analyzed: 11-Nov-2020 18:04							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			
Duplicate (BIK0259-DUP1)		**Source: 20K0066-01**		Prepared: 10-Nov-2020 Analyzed: 11-Nov-2020 18:04							
pH	7.48	0.01	0.01	pH Units		7.55			0.93	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Nov-2020 16:01

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	12-Nov-2020 16:01

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

16 November 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20K0158	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2020.11.16 15:11:48 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20K0158	Turn-around Requested: 3 days	Date: 11/09/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 0	Cooler Temps: 1.5 3
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-188A-110920	11/09/20	08:40	Soil	1	✔	✔	
SO-TC-188B-110920	11/09/20	08:50	Soil	1	✔	✔	
SO-TC-188C-110920	11/09/20	09:00	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Kenny Dang	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/9/2020 16:36	Date & Time: 11/9/2020 1636	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2020 15:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-188A-110920	20K0158-01	Solid	09-Nov-2020 08:40	09-Nov-2020 16:38
SO-TC-188B-110920	20K0158-02	Solid	09-Nov-2020 08:50	09-Nov-2020 16:38
SO-TC-188C-110920	20K0158-03	Solid	09-Nov-2020 09:00	09-Nov-2020 16:38

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2020 15:04

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20K0158

Sample receipt

Samples as listed on the preceding page were received 09-Nov-2020 16:38 under ARI work order 20K0158. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

Sample specific QC was performed for sample 20K0158-01 in batch BIK0410. The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon plastics

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20K0158 Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1638 15.3

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00S206

Cooler Accepted by: KO Date: 11/9/20 Time: 1638

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap (Wet Ice) Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: SC Date: 11/10/2020 Time: 0810 Labels checked by: SC

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20K0158

Cooler#: 1 **Temperature(°C):** 15.3

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: KO Date: 11/9/2020 Time: 1639

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2020 15:04

SO-TC-188A-110920

20K0158-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/09/2020 08:40

Instrument: ICP2 Analyst: MCB — Analyzed: 11/12/2020 17:36

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20K0158-01 A 02

Preparation Batch: BIK0319 — Sample Size: 25 mL (wet)

Prepared: 11/11/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0911	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.241	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2020 15:04

SO-TC-188A-110920

20K0158-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/09/2020 08:40

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/13/2020 14:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20K0158-01 A 03

Preparation Batch: BIK0410 — Sample Size: 20.36 g (wet)

Prepared: 11/13/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.04	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2020 15:04

SO-TC-188B-110920

20K0158-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/09/2020 08:50

Instrument: ICP2 Analyst: MCB — Analyzed: 11/12/2020 17:41

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20K0158-02 A 02

Preparation Batch: BIK0319 — Sample Size: 25 mL (wet)

Prepared: 11/11/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0470	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2020 15:04

SO-TC-188B-110920

20K0158-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/09/2020 08:50

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/13/2020 14:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20K0158-02 A 03

Preparation Batch: BIK0410 — Sample Size: 20.22 g (wet)

Prepared: 11/13/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.30	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2020 15:04

SO-TC-188C-110920

20K0158-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/09/2020 09:00

Instrument: ICP2 Analyst: MCB — Analyzed: 11/12/2020 17:45

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20K0158-03 A 02

Preparation Batch: BIK0319 — Sample Size: 25 mL (wet)

Prepared: 11/11/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0912	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.276	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2020 15:04

SO-TC-188C-110920

20K0158-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/09/2020 09:00

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/13/2020 14:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20K0158-03 A 03

Preparation Batch: BIK0410 — Sample Size: 21.31 g (wet)

Prepared: 11/13/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	9.07	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
16-Nov-2020 15:04

TCLP Metals and Metallic Compounds - Quality Control

Batch BIK0319 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIK0319-BLK1)					Prepared: 11-Nov-2020 Analyzed: 12-Nov-2020 16:36						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0119	0.0065	0.100	mg/L							J

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
16-Nov-2020 15:04

Wet Chemistry - Quality Control

Batch BIK0410 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIK0410-BS1)				Prepared: 13-Nov-2020 Analyzed: 13-Nov-2020 14:00							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BIK0410-DUP1)		**Source: 20K0158-01**		Prepared: 13-Nov-2020 Analyzed: 13-Nov-2020 14:00							
pH	9.07	0.009	0.009	pH Units		9.04			0.33	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Nov-2020 15:04

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	16-Nov-2020 15:04

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

18 November 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20K0174	N/A

Shelly Fishel Digitally signed by Shelly Fishel
Date: 2020.11.18 07:29:51 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Shelly Fishel

Accredited in accordance with nelac
Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20K0174	Turn-around Requested: 3 days	Date: 11/10/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 15 -1
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-189A-111020	11/10/20	10:30	Soil	1	✓	✓	
SO-TC-189B-111020	11/10/20	10:40	Soil	1	✓	✓	
SO-TC-189C-111020	11/10/20	10:50	Soil	1	✓	✓	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Kenny Dang	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/10/2020 16:50	Date & Time: 11/10/20 16:50	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Nov-2020 07:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-189A-111020	20K0174-01	Solid	10-Nov-2020 10:30	10-Nov-2020 16:50
SO-TC-189B-111020	20K0174-02	Solid	10-Nov-2020 10:40	10-Nov-2020 16:50
SO-TC-189C-111020	20K0174-03	Solid	10-Nov-2020 10:50	10-Nov-2020 16:50

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Nov-2020 07:28

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20K0174

Sample receipt

Samples as listed on the preceding page were received 10-Nov-2020 16:50 under ARI work order 20K0174. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERE
COC No(s): (NA)
Assigned ARI Job No: 20K0174

Project Name: Superlon Plastics
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)
Were custody papers included with the cooler? (YES) NO
Were custody papers properly filled out (ink, signed, etc.) (YES) NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1650 — 15.1

If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: DOO 5206

Cooler Accepted by: KD Date: 11/10/20 Time: 1650

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:
Was sufficient ice used (if appropriate)? NA YES NO
How were bottles sealed in plastic bags? Individually (Grouped) Not
Did all bottles arrive in good condition (unbroken)? (YES) NO
Were all bottle labels complete and legible? (YES) NO
Did the number of containers listed on COC match with the number of containers received? (YES) NO
Did all bottle labels and tags agree with custody papers? (YES) NO
Were all bottles used correct for the requested analyses? (YES) NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ... (NA) YES NO
Were all VOC vials free of air bubbles? (NA) YES NO
Was sufficient amount of sample sent in each bottle? (YES) NO
Date VOC Trip Blank was made at ARI. (NA)
Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: KD Date: 11/11/20 Time: 0815 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20K0174

Cooler#: 1 Temperature(°C): 15.1

Sample ID	Bottle Count	Bottle Type
Samples received about 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: KO Date: 11/10/20 Time: 1650

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Nov-2020 07:28

SO-TC-189A-111020

20K0174-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/10/2020 10:30

Instrument: ICP2 Analyst: TCH — Analyzed: 11/16/2020 12:52

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20K0174-01 A 03

Preparation Batch: BIK0398 — Sample Size: 25 mL (wet)

Prepared: 11/13/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0519	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.399	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Nov-2020 07:28

SO-TC-189A-111020

20K0174-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/10/2020 10:30

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/13/2020 14:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20K0174-01 A 02

Preparation Batch: BIK0410 — Sample Size: 20.38 g (wet)

Prepared: 11/13/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.03	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Nov-2020 07:28

SO-TC-189B-111020

20K0174-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/10/2020 10:40

Instrument: ICP2 Analyst: TCH — Analyzed: 11/16/2020 12:56

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20K0174-02 A 03

Preparation Batch: BIK0398 — Sample Size: 25 mL (wet)

Prepared: 11/13/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0536	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.901	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Nov-2020 07:28

SO-TC-189B-111020

20K0174-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/10/2020 10:40

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/13/2020 14:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20K0174-02 A 02

Preparation Batch: BIK0410 — Sample Size: 20.91 g (wet)

Prepared: 11/13/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.96	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Nov-2020 07:28

SO-TC-189C-111020

20K0174-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/10/2020 10:50

Instrument: ICP2 Analyst: TCH — Analyzed: 11/16/2020 13:01

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20K0174-03 A 03

Preparation Batch: BIK0398 — Sample Size: 25 mL (wet)

Prepared: 11/13/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.825	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.747	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Nov-2020 07:28

SO-TC-189C-111020

20K0174-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/10/2020 10:50

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/13/2020 14:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20K0174-03 A 02

Preparation Batch: BIK0410 — Sample Size: 20.14 g (wet)

Prepared: 11/13/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.43	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
18-Nov-2020 07:28

TCLP Metals and Metallic Compounds - Quality Control

Batch BIK0398 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIK0398-BLK1)				Prepared: 13-Nov-2020 Analyzed: 16-Nov-2020 13:50							
Arsenic	0.108	0.0140	0.250	mg/L							J
Lead	0.0986	0.0065	0.100	mg/L							J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Nov-2020 07:28

Wet Chemistry - Quality Control

Batch BIK0410 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIK0410-BS1)	Prepared: 13-Nov-2020 Analyzed: 13-Nov-2020 14:00										
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Nov-2020 07:28

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	18-Nov-2020 07:28

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

04 December 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20K0200	N/A

Shelly Fishel Digitally signed by Shelly Fishel
Date: 2020.12.04 15:26:55
-08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Shelly Fishel

Accredited in accordance with nelac
Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20K0200	Turn-around Requested: 10 days	Date: 11/11/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 18.2
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-190A-111120	11/11/20	14:30	Soil	1	✔	✔							
SO-TC-190B-111120	11/11/20	14:40	Soil	1	✔	✔							
SO-TC-190C-111120	11/11/20	14:50	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Jacobsen	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/11/2020 4:36	Date & Time: 11/11/2020 1636	Date & Time:	Date & Time:

Limits of Liability: ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2020 15:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-190A-111120	20K0200-01	Solid	11-Nov-2020 14:30	11-Nov-2020 16:36
SO-TC-190B-111120	20K0200-02	Solid	11-Nov-2020 14:40	11-Nov-2020 16:36
SO-TC-190C-111120	20K0200-03	Solid	11-Nov-2020 14:50	11-Nov-2020 16:36

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2020 15:24

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20K0200

Sample receipt

Samples as listed on the preceding page were received 11-Nov-2020 16:36 under ARI work order 20K0200. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PGRC Project Name: Superior Plastics

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other: ____

Assigned ARI Job No: 20K0200 Tracking No: ____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1636 18.2 ____ ____ ____ ____ ____

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DOO 5206

Cooler Accepted by: JB Date: 11/11/2020 Time: 1636

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: ____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)	____	

Were the sample(s) split by ARI? (NA) YES Date/Time: ____ Equipment: ____ Split by: ____

Samples Logged by: SC Date: 11/12/2020 Time: 0916 Labels checked by: SC

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20K0200

Cooler#: _____ **Temperature(°C):** 18.2

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 11/11/2020 Time: 1636

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2020 15:24

SO-TC-190A-111120

20K0200-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/11/2020 14:30

Instrument: ICP2 Analyst: SKM — Analyzed: 12/03/2020 18:36

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20K0200-01 A 03

Preparation Batch: BIK0507 — Sample Size: 25 mL (wet)

Prepared: 11/17/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0230	0.250	0.0668	mg/L	J
Lead	7439-92-1	5	0.0120	0.100	0.490	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2020 15:24

SO-TC-190A-111120

20K0200-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/11/2020 14:30

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/13/2020 14:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20K0200-01 A 01

Preparation Batch: BIK0410 — Sample Size: 21.09 g (wet)

Prepared: 11/13/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	9.42	pH Units	

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8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2020 15:24

SO-TC-190B-111120

20K0200-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/11/2020 14:40

Instrument: ICP2 Analyst: SKM — Analyzed: 12/03/2020 18:41

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20K0200-02 A 03

Preparation Batch: BIK0507 — Sample Size: 25 mL (wet)

Prepared: 11/17/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0230	0.250	0.0240	mg/L	J
Lead	7439-92-1	5	0.0120	0.100	2.30	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2020 15:24

SO-TC-190B-111120

20K0200-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/11/2020 14:40

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/13/2020 14:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20K0200-02 A 01

Preparation Batch: BIK0410 — Sample Size: 21.73 g (wet)

Prepared: 11/13/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.009	0.009	9.36	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2020 15:24

SO-TC-190C-111120

20K0200-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/11/2020 14:50

Instrument: ICP2 Analyst: SKM — Analyzed: 12/03/2020 18:45

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20K0200-03 A 03

Preparation Batch: BIK0507 — Sample Size: 25 mL (wet)

Prepared: 11/17/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0230	0.250	0.0382	mg/L	J
Lead	7439-92-1	5	0.0120	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2020 15:24

SO-TC-190C-111120

20K0200-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/11/2020 14:50

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/13/2020 14:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20K0200-03 A 01

Preparation Batch: BIK0410 — Sample Size: 20.15 g (wet)

Prepared: 11/13/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.45	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
04-Dec-2020 15:24

TCLP Metals and Metallic Compounds - Quality Control

Batch BIK0507 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIK0507-BLK1)				Prepared: 17-Nov-2020 Analyzed: 18-Nov-2020 15:59							
Arsenic	0.0631	0.0230	0.250	mg/L							J
Lead	0.0205	0.0120	0.100	mg/L							J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2020 15:24

Wet Chemistry - Quality Control

Batch BIK0410 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIK0410-BS1)				Prepared: 13-Nov-2020 Analyzed: 13-Nov-2020 14:00							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2020 15:24

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	04-Dec-2020 15:24

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

04 December 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20K0199	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2020.12.04 15:23:15 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20K0199	Turn-around Requested: 10 days	Date: 11/11/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 18.2
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-191A-111020	11/10/20	15:15	Soil	1	✔	✔	
SO-TC-191B-111020	11/10/20	15:30	Soil	1	✔	✔	
SO-TC-191C-111120	11/11/20	13:52	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Jacob Lalde	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/11/2020 4:36	Date & Time: 11/11/2020 1636	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2020 15:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-191A-111020	20K0199-01	Solid	10-Nov-2020 15:15	11-Nov-2020 16:36
SO-TC-191B-111020	20K0199-02	Solid	10-Nov-2020 15:30	11-Nov-2020 16:36
SO-TC-191C-111020	20K0199-03	Solid	11-Nov-2020 13:52	11-Nov-2020 16:36

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2020 15:20

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20K0199

Sample receipt

Samples as listed on the preceding page were received 11-Nov-2020 16:36 under ARI work order 20K0199. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: ____

Assigned ARI Job No: 20K0199

Tracking No: ____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1636 — 18.2

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00 5006

Cooler Accepted by: JB Date: 11/11/2020 Time: 1636

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: ____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: ____ Equipment: ____ Split by: ____

Samples Logged by: SC Date: 11/12/2020 Time: 0854 Labels checked by: SC

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20K0199

Cooler#: _____ Temperature(°C): 18.2

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 11/11/2020 Time: 1636

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2020 15:20

SO-TC-191A-111020

20K0199-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/10/2020 15:15

Instrument: ICP2 Analyst: SKM — Analyzed: 12/03/2020 18:22

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20K0199-01 A 03

Preparation Batch: BIK0507 — Sample Size: 25 mL (wet)

Prepared: 11/17/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0230	0.250	0.0968	mg/L	J
Lead	7439-92-1	5	0.0120	0.100	0.0621	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2020 15:20

SO-TC-191A-111020

20K0199-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/10/2020 15:15

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/13/2020 14:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20K0199-01 A 01

Preparation Batch: BIK0410 — Sample Size: 20.16 g (wet)

Prepared: 11/13/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.49	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2020 15:20

SO-TC-191B-111020

20K0199-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/10/2020 15:30

Instrument: ICP2 Analyst: SKM — Analyzed: 12/03/2020 18:27

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20K0199-02 A 03

Preparation Batch: BIK0507 — Sample Size: 25 mL (wet)

Prepared: 11/17/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0230	0.250	0.0446	mg/L	J
Lead	7439-92-1	5	0.0120	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2020 15:20

SO-TC-191B-111020

20K0199-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/10/2020 15:30

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/13/2020 14:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20K0199-02 A 01

Preparation Batch: BIK0410 — Sample Size: 20.15 g (wet)

Prepared: 11/13/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.35	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2020 15:20

SO-TC-191C-111020

20K0199-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/11/2020 13:52

Instrument: ICP2 Analyst: SKM — Analyzed: 12/03/2020 18:32

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20K0199-03 A 03

Preparation Batch: BIK0507 — Sample Size: 25 mL (wet)

Prepared: 11/17/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0230	0.250	0.0517	mg/L	J
Lead	7439-92-1	5	0.0120	0.100	0.0173	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2020 15:20

SO-TC-191C-111020

20K0199-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/11/2020 13:52

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 11/13/2020 14:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20K0199-03 A 01

Preparation Batch: BIK0410 — Sample Size: 20.16 g (wet)

Prepared: 11/13/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.21	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2020 15:20

TCLP Metals and Metallic Compounds - Quality Control

Batch BIK0507 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIK0507-BLK1)				Prepared: 17-Nov-2020 Analyzed: 18-Nov-2020 15:59							
Arsenic	0.0631	0.0230	0.250	mg/L							J
Lead	0.0205	0.0120	0.100	mg/L							J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
04-Dec-2020 15:20

Wet Chemistry - Quality Control

Batch BIK0410 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIK0410-BS1)				Prepared: 13-Nov-2020 Analyzed: 13-Nov-2020 14:00							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2020 15:20

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Dec-2020 15:20

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

07 December 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20K0300	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2020.12.07 16:56:20 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Accredited in accordance with nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20K0300	Turn-around Requested: 10 days	Date: 11/18/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 0	Cooler Temps: 17.3
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-192A-111820	11/18/20	10:10	Soil	1	✔	✔							
SO-TC-192B-111820	11/18/20	10:20	Soil	1	✔	✔							
SO-TC-192C-111820	11/18/20	10:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
-	Printed Name: JEFF KING	Printed Name: Kenny Dang	Printed Name:	Printed Name:
	Company: ~~11/18/2020~~ PERC	Company: ARI	Company:	Company:
	Date & Time: 11/18/2020 12:02	Date & Time: 11/18/20 1202	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Dec-2020 16:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-192A-111820	20K0300-01	Solid	18-Nov-2020 10:10	18-Nov-2020 12:02
SO-TC-192B-111820	20K0300-02	Solid	18-Nov-2020 10:20	18-Nov-2020 12:02
SO-TC-192C-111820	20K0300-03	Solid	18-Nov-2020 10:30	18-Nov-2020 12:02

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Dec-2020 16:55

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20K0300

Sample receipt

Samples as listed on the preceding page were received 18-Nov-2020 12:02 under ARI work order 20K0300. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20K0300-01 in batch BIL0017. The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Sample specific QC was performed in association with sample 20K0300-01 in batch BIK0738. The duplicate (DUP) relative percent difference (RPD) and the matrix spike (MS) percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 20K0300

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1202 — 17.3 ____ ____ ____ ____ ____

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: DOO S206

Cooler Accepted by: KD Date: 11/18/20 Time: 1202

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? KD		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	Grouped	(Not)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)	_____	

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: KD Date: 11/18/20 Time: 1211 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20K0300

Cooler#: 1 **Temperature(°C):** 17.3

Sample ID	Bottle Count	Bottle Type
samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: KD Date: 11/18/20 Time: 1202

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Dec-2020 16:55

SO-TC-192A-111820

20K0300-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/18/2020 10:10

Instrument: ICP2 Analyst: TCH — Analyzed: 12/04/2020 21:27

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20K0300-01 A 02

Preparation Batch: BIK0738 — Sample Size: 25 mL (wet)

Prepared: 11/24/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0230	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0120	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Dec-2020 16:55

SO-TC-192A-111820

20K0300-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/18/2020 10:10

Instrument: Accumet AB150 Analyst: BF — Analyzed: 12/01/2020 14:42

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20K0300-01 A

Preparation Batch: BIL0017 — Sample Size: 20.52 g (wet)

Prepared: 12/01/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.64	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Dec-2020 16:55

SO-TC-192B-111820

20K0300-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/18/2020 10:20

Instrument: ICP2 Analyst: TCH — Analyzed: 12/04/2020 20:27

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20K0300-02 A 02

Preparation Batch: BIK0738 — Sample Size: 25 mL (wet)

Prepared: 11/24/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0230	0.250	0.0290	mg/L	J
Lead	7439-92-1	5	0.0120	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Dec-2020 16:55

SO-TC-192B-111820

20K0300-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/18/2020 10:20

Instrument: Accumet AB150 Analyst: BF — Analyzed: 12/01/2020 14:42

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20K0300-02 A

Preparation Batch: BIL0017 — Sample Size: 20 g (wet)

Prepared: 12/01/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.11	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Dec-2020 16:55

SO-TC-192C-111820

20K0300-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/18/2020 10:30

Instrument: ICP2 Analyst: TCH — Analyzed: 12/04/2020 20:31

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20K0300-03 A 02

Preparation Batch: BIK0738 — Sample Size: 25 mL (wet)

Prepared: 11/24/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0230	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0120	0.100	ND	mg/L	U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Dec-2020 16:55

SO-TC-192C-111820

20K0300-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/18/2020 10:30

Instrument: Accumet AB150 Analyst: BF — Analyzed: 12/01/2020 14:42

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20K0300-03 A

Preparation Batch: BIL0017 — Sample Size: 20.18 g (wet)

Prepared: 12/01/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.14	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Dec-2020 16:55

TCLP Metals and Metallic Compounds - Quality Control

Batch BIK0738 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIK0738-BLK1)				Prepared: 24-Nov-2020 Analyzed: 03-Dec-2020 16:52							
Arsenic	ND	0.0230	0.250	mg/L							U
Blank (BIK0738-BLK2)				Prepared: 24-Nov-2020 Analyzed: 04-Dec-2020 15:43							
Lead	ND	0.0120	0.100	mg/L							U
Duplicate (BIK0738-DUP1)		**Source: 20K0300-01**		Prepared: 24-Nov-2020 Analyzed: 04-Dec-2020 21:22							
Arsenic	ND	0.0230	0.250	mg/L		ND					U
Lead	ND	0.0120	0.100	mg/L		ND					U
Matrix Spike (BIK0738-MS1)		**Source: 20K0300-01**		Prepared: 24-Nov-2020 Analyzed: 04-Dec-2020 21:31							
Arsenic	4.15	0.0230	0.250	mg/L	4.00	ND	104	75-125			
Lead	3.95	0.0120	0.100	mg/L	4.00	ND	98.8	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
07-Dec-2020 16:55

Wet Chemistry - Quality Control

Batch BIL0017 - EPA 9045D

Instrument: Accumet AB150 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIL0017-BS1)				Prepared: 01-Dec-2020 Analyzed: 01-Dec-2020 14:42							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BIL0017-DUP1)		**Source: 20K0300-01**		Prepared: 01-Dec-2020 Analyzed: 01-Dec-2020 14:42							
pH	9.15	0.01	0.01	pH Units		8.64			5.73	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Dec-2020 16:55

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	07-Dec-2020 16:55

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

07 December 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20L0001	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2020.12.07 16:34:39 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20L0001	Turn-around Requested: 3 days	Date: 11/30/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 4	Cooler Temps: 26.3
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-193A-113020	11/30/20	14:50	Soil	1	✔	✔	
SO-TC-193B-113020	11/30/20	15:00	Soil	1	✔	✔	
SO-TC-193C-113020	11/30/20	15:10	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	11/30/2020 16:32		Jacob Walter	ARI	11/30/2020 1632								

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Dec-2020 16:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-193A-113020	20L0001-01	Solid	30-Nov-2020 14:50	30-Nov-2020 16:32
SO-TC-193B-113020	20L0001-02	Solid	30-Nov-2020 15:00	30-Nov-2020 16:32
SO-TC-193C-113020	20L0001-03	Solid	30-Nov-2020 15:10	30-Nov-2020 16:32

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Dec-2020 16:32

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20L0001

Sample receipt

Samples as listed on the preceding page were received 30-Nov-2020 16:32 under ARI work order 20L0001. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 20L0001

Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1632 — 26.3

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00 Soo 6

Cooler Accepted by: JM Date: 11/30/2020 Time: 1632

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: SC Date: 12/1/2020 Time: 0816 Labels checked by: SC

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20L0001

Cooler#: _____ **Temperature(°C):** 26.3

Sample ID	Bottle Count	Bottle Type
Samples received above 6°c		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 11/20/2020 Time: 1632

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Dec-2020 16:32

SO-TC-193A-113020

20L0001-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/30/2020 14:50

Instrument: ICP2 Analyst: TCH — Analyzed: 12/04/2020 16:47

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20L0001-01 A 02

Preparation Batch: BIL0088 — Sample Size: 25 mL (wet)

Prepared: 12/03/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0230	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0120	0.100	0.431	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Dec-2020 16:32

SO-TC-193A-113020

20L0001-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/30/2020 14:50

Instrument: Accumet AB150 Analyst: BF — Analyzed: 12/01/2020 14:42

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20L0001-01 A

Preparation Batch: BIL0017 — Sample Size: 20.03 g (wet)

Prepared: 12/01/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.44	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Dec-2020 16:32

SO-TC-193B-113020

20L0001-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/30/2020 15:00

Instrument: ICP2 Analyst: TCH — Analyzed: 12/04/2020 16:51

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20L0001-02 A 02

Preparation Batch: BIL0088 — Sample Size: 25 mL (wet)

Prepared: 12/03/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0230	0.250	0.0389	mg/L	J
Lead	7439-92-1	5	0.0120	0.100	2.89	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Dec-2020 16:32

SO-TC-193B-113020

20L0001-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/30/2020 15:00

Instrument: Accumet AB150 Analyst: BF — Analyzed: 12/01/2020 14:42

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20L0001-02 A

Preparation Batch: BIL0017 — Sample Size: 20.61 g (wet)

Prepared: 12/01/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.76	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Dec-2020 16:32

SO-TC-193C-113020

20L0001-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 11/30/2020 15:10

Instrument: ICP2 Analyst: TCH — Analyzed: 12/04/2020 16:56

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20L0001-03 A 02

Preparation Batch: BIL0088 — Sample Size: 25 mL (wet)

Prepared: 12/03/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0230	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0120	0.100	1.91	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Dec-2020 16:32

SO-TC-193C-113020

20L0001-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/30/2020 15:10

Instrument: Accumet AB150 Analyst: BF — Analyzed: 12/01/2020 14:42

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20L0001-03 A

Preparation Batch: BIL0017 — Sample Size: 20.02 g (wet)

Prepared: 12/01/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.36	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
07-Dec-2020 16:32

TCLP Metals and Metallic Compounds - Quality Control

Batch BIL0088 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIL0088-BLK1)				Prepared: 03-Dec-2020 Analyzed: 04-Dec-2020 16:42							
Arsenic	0.0245	0.0230	0.250	mg/L							J
Lead	ND	0.0120	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Dec-2020 16:32

Wet Chemistry - Quality Control

Batch BIL0017 - EPA 9045D

Instrument: Accumet AB150 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIL0017-BS1)				Prepared: 01-Dec-2020 Analyzed: 01-Dec-2020 14:42							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Dec-2020 16:32

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	07-Dec-2020 16:32

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

09 December 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20L0037	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2020.12.09 17:29:42 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20L0037	Turn-around Requested: 3 days	Date: 12/2/2020	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 16.8
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-194A-120220	12/02/20	15:25	Soil	1	✔	✔	
SO-TC-194B-120220	12/02/20	15:35	Soil	1	✔	✔	
SO-TC-194C-120220	12/02/20	15:45	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Sawbuck Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 12/2/2020 16:46	Date & Time: 12/02/2020 1646	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Dec-2020 17:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-194A-120220	20L0037-01	Solid	02-Dec-2020 15:25	02-Dec-2020 16:46
SO-TC-194B-120220	20L0037-02	Solid	02-Dec-2020 15:35	02-Dec-2020 16:46
SO-TC-194C-120220	20L0037-03	Solid	02-Dec-2020 15:45	02-Dec-2020 16:46

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Dec-2020 17:16

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20L0037

Sample receipt

Samples as listed on the preceding page were received 02-Dec-2020 16:46 under ARI work order 20L0037. For details regarding sample receipt, please refer to the Cooler Receipt Form.

pH - EPA Method 9045D

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20L0037-01 in batch BIL0164.The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Sample specific QC was performed in association with sample 20L0037-01 in batch BIL0122.The duplicate (DUP) relative percent difference (RPD) and the matrix spike (MS) percent recoveries were within control limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20L0037

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1646 168

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: DOO 5206

Cooler Accepted by: JA Date: 12/03/2020 Time: 1646

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: KO Date: 12/3/20 Time: 0830 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20L0037

Cooler#: 1 Temperature(°C): 16.8

Sample ID	Bottle Count	Bottle Type
Samples received about 6°C		

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: KD for JBW Date: 12/2/20 Time: 1646

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Dec-2020 17:16

SO-TC-194A-120220

20L0037-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 12/02/2020 15:25

Instrument: ICP2 Analyst: TCH — Analyzed: 12/07/2020 11:56

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20L0037-01 A 02

Preparation Batch: BIL0122 — Sample Size: 25 mL (wet)

Prepared: 12/04/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0230	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0120	0.100	0.0850	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Dec-2020 17:16

SO-TC-194A-120220

20L0037-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 12/02/2020 15:25

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 12/07/2020 13:09

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20L0037-01 A

Preparation Batch: BIL0164 — Sample Size: 20.57 g (wet)

Prepared: 12/07/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.04	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Dec-2020 17:16

SO-TC-194B-120220

20L0037-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 12/02/2020 15:35

Instrument: ICP2 Analyst: TCH — Analyzed: 12/07/2020 11:19

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20L0037-02 A 02

Preparation Batch: BIL0122 — Sample Size: 25 mL (wet)

Prepared: 12/04/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0230	0.250	0.0652	mg/L	J
Lead	7439-92-1	5	0.0120	0.100	6.05	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Dec-2020 17:16

SO-TC-194B-120220

20L0037-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 12/02/2020 15:35

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 12/07/2020 13:09

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20L0037-02 A

Preparation Batch: BIL0164 — Sample Size: 20.7 g (wet)

Prepared: 12/07/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.61	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Dec-2020 17:16

SO-TC-194C-120220

20L0037-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 12/02/2020 15:45

Instrument: ICP2 Analyst: TCH — Analyzed: 12/07/2020 11:24

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20L0037-03 A 02

Preparation Batch: BIL0122 — Sample Size: 25 mL (wet)

Prepared: 12/04/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0230	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0120	0.100	1.74	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Dec-2020 17:16

SO-TC-194C-120220

20L0037-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 12/02/2020 15:45

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 12/07/2020 13:09

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20L0037-03 A

Preparation Batch: BIL0164 — Sample Size: 20.85 g (wet)

Prepared: 12/07/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.82	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported: 09-Dec-2020 17:16

TCLP Metals and Metallic Compounds - Quality Control

Batch BIL0122 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: TCH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIL0122-BLK1)				Prepared: 04-Dec-2020 Analyzed: 07-Dec-2020 11:15							
Arsenic	ND	0.0230	0.250	mg/L							U
Lead	0.0134	0.0120	0.100	mg/L							J
Duplicate (BIL0122-DUP1)		**Source: 20L0037-01**		Prepared: 04-Dec-2020 Analyzed: 07-Dec-2020 11:51							
Arsenic	ND	0.0230	0.250	mg/L		ND					U
Lead	0.0870	0.0120	0.100	mg/L		0.0850			2.43	20	J
Matrix Spike (BIL0122-MS1)		**Source: 20L0037-01**		Prepared: 04-Dec-2020 Analyzed: 07-Dec-2020 12:00							
Arsenic	4.00	0.0230	0.250	mg/L	4.00	ND	100	75-125			
Lead	3.87	0.0120	0.100	mg/L	4.00	0.0850	94.7	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Dec-2020 17:16

Wet Chemistry - Quality Control

Batch BIL0164 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIL0164-BS1)				Prepared: 07-Dec-2020 Analyzed: 07-Dec-2020 13:09							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BIL0164-DUP1)		**Source: 20L0037-01**		Prepared: 07-Dec-2020 Analyzed: 07-Dec-2020 13:09							
pH	8.11	0.01	0.01	pH Units		8.04			0.87	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Dec-2020 17:16

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	09-Dec-2020 17:16

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

15 December 2020

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
20L0191	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2020.12.15 15:57:35 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 20L0191	Turn-around Requested: 3 day	Date: 12/10/20	
ARI Client Company: PERC	Phone: 4253460921	Page: 1 of 1	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 15.6
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP - As	TCLP - Pb	pH						Notes/Comments
SO-TC-195A-121020	12/10/20	12:01	Soil	1	✔	✔	✔						
SO-TC-195B-121020	12/10/20	12:09	Soil	1	✔	✔	✔						
SO-TC-195C-121020	12/10/20	12:15	Soil	1	✔	✔	✔						

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Kenny Dang	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 12/10/2020 2:43P	Date & Time: 12/10/20 1443	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Dec-2020 15:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-195A-121020	20L0191-01	Solid	10-Dec-2020 12:01	10-Dec-2020 14:43
SO-TC-195B-121020	20L0191-02	Solid	10-Dec-2020 12:09	10-Dec-2020 14:43
SO-TC-195C-121020	20L0191-03	Solid	10-Dec-2020 12:15	10-Dec-2020 14:43

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Dec-2020 15:53

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 20L0191

Sample receipt

Samples as listed on the preceding page were received 10-Dec-2020 14:43 under ARI work order 20L0191. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

Sample specific QC was performed in association with sample 20L0191-01 in batch BIL0315. The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Sample specific QC was performed in association with sample 20L0191-01 in batch BIL0385. The duplicate (DUP) relative percent difference (RPD) and the matrix spike (MS) percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics

COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 20L0191
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1443 — 15.6

If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: DOO 5206

Cooler Accepted by: KD Date: 12/10/20 Time: 1443

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap (Wet Ice) Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: KD Date: 12/10/20 Time: ~~1445~~ 1453 KD Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 20L0191

Cooler#: 1 **Temperature(°C):** 15.6

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: KO Date: 12/10/20 Time: 1445

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Dec-2020 15:53

SO-TC-195A-121020

20L0191-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 12/10/2020 12:01

Instrument: ICP2 Analyst: SKM — Analyzed: 12/15/2020 14:32

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20L0191-01 A 02

Preparation Batch: BIL0385 — Sample Size: 25 mL (wet)

Prepared: 12/15/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0230	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0120	0.100	1.27	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Dec-2020 15:53

SO-TC-195A-121020

20L0191-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 12/10/2020 12:01

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 12/11/2020 13:01

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20L0191-01 A

Preparation Batch: BIL0315 — Sample Size: 20.5437 g (wet)

Prepared: 12/11/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.50	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Dec-2020 15:53

SO-TC-195B-121020

20L0191-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 12/10/2020 12:09

Instrument: ICP2 Analyst: SKM — Analyzed: 12/15/2020 14:13

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20L0191-02 A 02

Preparation Batch: BIL0385 — Sample Size: 25 mL (wet)

Prepared: 12/15/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0230	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0120	0.100	1.79	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Dec-2020 15:53

SO-TC-195B-121020

20L0191-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 12/10/2020 12:09

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 12/11/2020 13:01

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20L0191-02 A

Preparation Batch: BIL0315 — Sample Size: 21.0339 g (wet)

Prepared: 12/11/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.67	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Dec-2020 15:53

SO-TC-195C-121020

20L0191-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 12/10/2020 12:15

Instrument: ICP2 Analyst: SKM — Analyzed: 12/15/2020 14:18

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 20L0191-03 A 02

Preparation Batch: BIL0385 — Sample Size: 25 mL (wet)

Prepared: 12/15/2020 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0230	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0120	0.100	0.490	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Dec-2020 15:53

SO-TC-195C-121020

20L0191-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 12/10/2020 12:15

Instrument: Accumet AB150 Analyst: WCW — Analyzed: 12/11/2020 13:01

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 20L0191-03 A

Preparation Batch: BIL0315 — Sample Size: 20.2225 g (wet)

Prepared: 12/11/2020 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.13	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
15-Dec-2020 15:53

TCLP Metals and Metallic Compounds - Quality Control

Batch BIL0385 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKM

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BIL0385-BLK1)				Prepared: 15-Dec-2020 Analyzed: 15-Dec-2020 13:55							
Arsenic	ND	0.0230	0.250	mg/L							U
Lead	ND	0.0120	0.100	mg/L							U
Duplicate (BIL0385-DUP1)		**Source: 20L0191-01**		Prepared: 15-Dec-2020 Analyzed: 15-Dec-2020 14:27							
Arsenic	ND	0.0230	0.250	mg/L		ND					U
Lead	1.24	0.0120	0.100	mg/L		1.27			2.54	20	
Matrix Spike (BIL0385-MS1)		**Source: 20L0191-01**		Prepared: 15-Dec-2020 Analyzed: 15-Dec-2020 14:36							
Arsenic	4.01	0.0230	0.250	mg/L	4.00	ND	100	75-125			
Lead	5.00	0.0120	0.100	mg/L	4.00	1.27	93.2	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Dec-2020 15:53

Wet Chemistry - Quality Control

Batch BIL0315 - EPA 9045D

Instrument: Accumet AB150 Analyst: WCW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BIL0315-BS1)				Prepared: 11-Dec-2020 Analyzed: 11-Dec-2020 13:01							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			
Duplicate (BIL0315-DUP1)		**Source: 20L0191-01**		Prepared: 11-Dec-2020 Analyzed: 11-Dec-2020 13:01							
pH	8.59	0.01	0.01	pH Units		8.50			1.05	20	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Dec-2020 15:53

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	01/31/2021
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	01/01/2021

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	15-Dec-2020 15:53

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

26 March 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21C0308	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2021.03.26 16:27:39 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21C0308	Turn-around Requested: 3 days	Date: 3/22/2021	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 22.2
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-196A-031721	03/17/21	15:53	Soil	1	✔	✔	
SO-TC-196B-031721	03/17/21	15:53	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Hall	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 3/22/2021 16:43	Date & Time: 03/22/2021 1643	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Mar-2021 16:19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-196A-031721	21C0308-01	Solid	17-Mar-2021 15:53	22-Mar-2021 16:43
SO-TC-196B-031721	21C0308-02	Solid	17-Mar-2021 15:53	22-Mar-2021 16:43

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Mar-2021 16:19

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21C0308

Sample receipt

Samples as listed on the preceding page were received 22-Mar-2021 16:43 under ARI work order 21C0308. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERL Project Name: Spartan Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 21C0308 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

22.2

Time 1643

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DOO 5006

Cooler Accepted by: JB Date: 03/22/2021 Time: 1643

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JB Date: 03/22/2021 Time: 1705 Labels checked by: JB

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 21C0308

Cooler#: _____ Temperature(°C): 22.2

Sample ID	Bottle Count	Bottle Type
Samples received abve 6°c		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 03/22/2021 Time: 1643

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Mar-2021 16:19

SO-TC-196A-031721

21C0308-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 03/17/2021 15:53

Instrument: ICP2 Analyst: SKD — Analyzed: 03/25/2021 15:09

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21C0308-01 A 02

Preparation Batch: BJC0661 — Sample Size: 25 mL (wet)

Prepared: 03/24/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0230	0.250	0.242	mg/L	J
Lead	7439-92-1	5	0.0120	0.100	0.238	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Mar-2021 16:19

SO-TC-196A-031721

21C0308-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/17/2021 15:53

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 03/25/2021 01:27

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21C0308-01 A 01

Preparation Batch: BJC0697 — Sample Size: 20.03 g (wet)

Prepared: 03/24/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.12	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Mar-2021 16:19

SO-TC-196B-031721

21C0308-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 03/17/2021 15:53

Instrument: ICP2 Analyst: SKD — Analyzed: 03/25/2021 15:12

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21C0308-02 A 02

Preparation Batch: BJC0661 — Sample Size: 25 mL (wet)

Prepared: 03/24/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0230	0.250	0.0883	mg/L	J
Lead	7439-92-1	5	0.0120	0.100	0.131	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Mar-2021 16:19

SO-TC-196B-031721

21C0308-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/17/2021 15:53

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 03/25/2021 01:27

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21C0308-02 A 01

Preparation Batch: BJC0697 — Sample Size: 20.06 g (wet)

Prepared: 03/24/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.28	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Mar-2021 16:19

TCLP Metals and Metallic Compounds - Quality Control

Batch BJC0661 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJC0661-BLK1)					Prepared: 24-Mar-2021 Analyzed: 25-Mar-2021 15:03						
Arsenic	ND	0.0230	0.250	mg/L							U
Lead	ND	0.0120	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Mar-2021 16:19

Wet Chemistry - Quality Control

Batch BJC0697 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJC0697-BS1)				Prepared: 24-Mar-2021 Analyzed: 25-Mar-2021 01:27							
pH	7.04	0.01	0.01	pH Units	7.00		101	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Mar-2021 16:19

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	26-Mar-2021 16:19

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

29 March 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21C0329	N/A

Shelly Fishel Digitally signed by Shelly Fishel
Date: 2021.03.29 18:16:31 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21C0329	Turn-around Requested: 3 days	Date: 3/23/2021	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 23.6
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-196C-032221	03/22/21	14:52	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Kalty	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 3/23/21 17:00	Date & Time: 03/23/2021 1700	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2021 18:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-196C-032221	21C0329-01	Solid	22-Mar-2021 14:52	23-Mar-2021 17:00

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2021 18:13

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21C0329

Sample receipt

One sample as listed on the preceding page was received 23-Mar-2021 17:00 under ARI work order 21C0329. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Sample specific QC was performed in association with sample 21C0329-01 in batch BJC0750. The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 21C0329 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1700 23.6

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 S206

Cooler Accepted by: JG Date: 03/23/2021 Time: 1700

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: SC Date: 3/24/21 Time: 0815 Labels checked by: SC

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 21C0329

Cooler#: _____ **Temperature(°C):** 23.6

Sample ID	Bottle Count	Bottle Type
Samples received above 6°c		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 03/23/2021 Time: 1700

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2021 18:13

SO-TC-196C-032221

21C0329-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/22/2021 14:52

Instrument: ICP2 Analyst: SKD — Analyzed: 03/26/2021 21:41

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21C0329-01 A 02

Preparation Batch: BJC0750 — Sample Size: 25 mL (wet)

Prepared: 03/26/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0478	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.139	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2021 18:13

SO-TC-196C-032221

21C0329-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/22/2021 14:52

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 03/25/2021 01:27

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21C0329-01 A

Preparation Batch: BJC0697 — Sample Size: 20.1 g (wet)

Prepared: 03/24/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.34	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2021 18:13

TCLP Metals and Metallic Compounds - Quality Control

Batch BJC0750 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJC0750-BLK1)				Prepared: 26-Mar-2021 Analyzed: 26-Mar-2021 21:27							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0176	0.0065	0.100	mg/L							J
Duplicate (BJC0750-DUP1)		**Source: 21C0329-01**		Prepared: 26-Mar-2021 Analyzed: 26-Mar-2021 21:38							
Arsenic	0.0678	0.0140	0.250	mg/L		0.0478			34.50	20	L, J
Lead	0.128	0.0065	0.100	mg/L		0.139			7.74	20	
Matrix Spike (BJC0750-MS1)		**Source: 21C0329-01**		Prepared: 26-Mar-2021 Analyzed: 26-Mar-2021 21:44							
Arsenic	4.11	0.0140	0.250	mg/L	4.00	0.0478	102	75-125			
Lead	4.09	0.0065	0.100	mg/L	4.00	0.139	98.9	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
29-Mar-2021 18:13

Wet Chemistry - Quality Control

Batch BJC0697 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJC0697-BS1)				Prepared: 24-Mar-2021 Analyzed: 25-Mar-2021 01:27							
pH	7.04	0.01	0.01	pH Units	7.00		101	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2021 18:13

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	29-Mar-2021 18:13

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

07 April 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21D0004	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2021.04.07 14:09:22 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21D0004	Turn-around Requested: 3 days	Date: 3/29/2021	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 1.9.2
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Oliva-Membreno		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-197A-032921	03/29/21	14:10	Soil	1	✔	✔	
SO-TC-197B-032921	03/29/21	14:20	Soil	1	✔	✔	
SO-TC-197C-032921	03/29/21	14:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Brad Grimsted	Printed Name: Jacob Laite	Printed Name:	Printed Name:
	Company: Pioneer	Company: ARI	Company:	Company:
	Date & Time: 4/1/21 11:26	Date & Time: 04/01/2021 1126	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:03

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-197A-032921	21D0004-01	Solid	29-Mar-2021 14:10	01-Apr-2021 11:26
SO-TC-197B-032921	21D0004-02	Solid	29-Mar-2021 14:20	01-Apr-2021 11:26
SO-TC-197C-032921	21D0004-03	Solid	29-Mar-2021 14:30	01-Apr-2021 11:26

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:03

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21D0004

Sample receipt

Samples as listed on the preceding page were received 01-Apr-2021 11:26 under ARI work order 21D0004. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

Sample specific QC was performed in association with sample 21D0004-01 in batch BJD0138. The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 21D0004

Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1126 — 19.2

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00526

Cooler Accepted by: JSm Date: 04/01/2021 Time: 1126

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap (Wet Ice) Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: JSm Date: 04/01/2021 Time: 1152 Labels checked by: JSm

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 21D0004

Cooler#: _____ **Temperature(°C):** 19.2

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 04/01/2021 Time: 1126

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:03

SO-TC-197A-032921

21D0004-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/29/2021 14:10

Instrument: ICP2 Analyst: SKD — Analyzed: 04/05/2021 15:56

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0004-01 A 02

Preparation Batch: BJD0054 — Sample Size: 25 mL (wet)

Prepared: 04/02/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.106	mg/L	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:03

SO-TC-197A-032921

21D0004-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/29/2021 14:10

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 04/05/2021 21:48

Sample Preparation: Preparation Method: No Prep - Volatiles — Extract ID: 21D0004-01 A

Preparation Batch: BJD0138 — Sample Size: 20.09 g (wet)

Prepared: 04/05/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.94	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:03

SO-TC-197B-032921

21D0004-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/29/2021 14:20

Instrument: ICP2 Analyst: SKD — Analyzed: 04/05/2021 16:41

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0004-02 A 02

Preparation Batch: BJD0054 — Sample Size: 25 mL (wet)

Prepared: 04/02/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0306	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:03

SO-TC-197B-032921

21D0004-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/29/2021 14:20

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 04/05/2021 21:48

Sample Preparation: Preparation Method: No Prep - Volatiles — Extract ID: 21D0004-02 A

Preparation Batch: BJD0138 — Sample Size: 20.05 g (wet)

Prepared: 04/05/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.15	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:03

SO-TC-197C-032921

21D0004-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/29/2021 14:30

Instrument: ICP2 Analyst: SKD — Analyzed: 04/05/2021 16:44

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0004-03 A 02

Preparation Batch: BJD0054 — Sample Size: 25 mL (wet)

Prepared: 04/02/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0181	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	1.01	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:03

SO-TC-197C-032921

21D0004-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/29/2021 14:30

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 04/05/2021 21:48

Sample Preparation: Preparation Method: No Prep - Volatiles — Extract ID: 21D0004-03 A

Preparation Batch: BJD0138 — Sample Size: 20.11 g (wet)

Prepared: 04/05/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.01	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
07-Apr-2021 14:03

TCLP Metals and Metallic Compounds - Quality Control

Batch BJD0054 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJD0054-BLK1)					Prepared: 02-Apr-2021 Analyzed: 05-Apr-2021 15:48						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0136	0.0065	0.100	mg/L							J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:03

Wet Chemistry - Quality Control

Batch BJD0138 - No Prep - Volatiles

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJD0138-BS1)				Prepared: 05-Apr-2021 Analyzed: 05-Apr-2021 21:48							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			
Duplicate (BJD0138-DUP1)		**Source: 21D0004-01**		Prepared: 05-Apr-2021 Analyzed: 05-Apr-2021 21:48							
pH	9.01	0.01	0.01	pH Units		8.94			0.78	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:03

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	07-Apr-2021 14:03

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

07 April 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21D0005	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2021.04.07 14:21:32 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Shelly Fishel

Accredited in accordance with nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21D0005	Turn-around Requested: 3 days	Date: 3/30/2021	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 19.7
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Oliva-Membreno		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-198A-032921	03/29/21	08:15	Soil	1	✔	✔	
SO-TC-198B-032921	03/29/21	08:15	Soil	1	✔	✔	
SO-TC-198C-033021	03/30/21	08:20	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Brad Grimsted	Printed Name: Jacob LaFe	Printed Name:	Printed Name:
	Company: Pioneer	Company: ARI	Company:	Company:
	Date & Time: 4/1/21 11:26	Date & Time: 04/01/2021 1126	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-198A-032921	21D0005-01	Solid	29-Mar-2021 08:15	01-Apr-2021 11:26
SO-TC-198B-032921	21D0005-02	Solid	29-Mar-2021 08:15	01-Apr-2021 11:26
SO-TC-198C-032921	21D0005-03	Solid	30-Mar-2021 08:20	01-Apr-2021 11:26

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:17

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21D0005

Sample receipt

Samples as listed on the preceding page were received 01-Apr-2021 11:26 under ARI work order 21D0005. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 21D0005

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1126 — 19.2 _____ _____ _____ _____ _____

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00526

Cooler Accepted by: JGm Date: 04/01/2021 Time: 1126

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JGm Date: 04/01/2021 Time: 1155 Labels checked by: JGm

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 21D0005

Cooler#: _____ Temperature(°C): 19.2

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 04/01/2021 Time: 1126

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:17

SO-TC-198A-032921

21D0005-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/29/2021 08:15

Instrument: ICP2 Analyst: SKD — Analyzed: 04/05/2021 16:47

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0005-01 A 02

Preparation Batch: BJD0054 — Sample Size: 25 mL (wet)

Prepared: 04/02/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.290	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0993	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:17

SO-TC-198A-032921

21D0005-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/29/2021 08:15

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 04/05/2021 21:48

Sample Preparation: Preparation Method: No Prep - Volatiles — Extract ID: 21D0005-01 A

Preparation Batch: BJD0138 — Sample Size: 20.04 g (wet)

Prepared: 04/05/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	5.90	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:17

SO-TC-198B-032921

21D0005-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/29/2021 08:15

Instrument: ICP2 Analyst: SKD — Analyzed: 04/05/2021 16:50

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0005-02 A 02

Preparation Batch: BJD0054 — Sample Size: 25 mL (wet)

Prepared: 04/02/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.470	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.179	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:17

SO-TC-198B-032921

21D0005-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/29/2021 08:15

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 04/05/2021 21:48

Sample Preparation: Preparation Method: No Prep - Volatiles — Extract ID: 21D0005-02 A

Preparation Batch: BJD0138 — Sample Size: 20.07 g (wet)

Prepared: 04/05/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.06	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:17

SO-TC-198C-032921

21D0005-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/30/2021 08:20

Instrument: ICP2 Analyst: SKD — Analyzed: 04/05/2021 16:53

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0005-03 A 02

Preparation Batch: BJD0054 — Sample Size: 25 mL (wet)

Prepared: 04/02/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.113	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0189	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:17

SO-TC-198C-032921

21D0005-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/30/2021 08:20

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 04/05/2021 21:48

Sample Preparation: Preparation Method: No Prep - Volatiles — Extract ID: 21D0005-03 A

Preparation Batch: BJD0138 — Sample Size: 20.01 g (wet)

Prepared: 04/05/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	5.66	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
07-Apr-2021 14:17

TCLP Metals and Metallic Compounds - Quality Control

Batch BJD0054 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJD0054-BLK1)					Prepared: 02-Apr-2021 Analyzed: 05-Apr-2021 15:48						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0136	0.0065	0.100	mg/L							J

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
07-Apr-2021 14:17

Wet Chemistry - Quality Control

Batch BJD0138 - No Prep - Volatiles

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJD0138-BS1)				Prepared: 05-Apr-2021 Analyzed: 05-Apr-2021 21:48							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:17

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	07-Apr-2021 14:17

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

07 April 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21D0006	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2021.04.07 14:26:51 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21D0006	Turn-around Requested: 3 days	Date: 3/31/2021	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 19.2
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Oliva-Membreno		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-199A-033021	03/30/21	09:42	Soil	1	✔	✔	
SO-TC-199B-033021	03/30/21	13:55	Soil	1	✔	✔	
SO-TC-199C-033121	03/31/21	11:50	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Brad Grimsted	Printed Name: Jacob Laffe	Printed Name:	Printed Name:
	Company: Pioneer	Company: ARI	Company:	Company:
	Date & Time: 4/1/21 11:26	Date & Time: 04/01/2021 1126	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-199A-033021	21D0006-01	Solid	30-Mar-2021 09:42	01-Apr-2021 11:26
SO-TC-199B-033021	21D0006-02	Solid	30-Mar-2021 13:55	01-Apr-2021 11:26
SO-TC-199C-033121	21D0006-03	Solid	31-Mar-2021 11:50	01-Apr-2021 11:26

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:25

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21D0006

Sample receipt

Samples as listed on the preceding page were received 01-Apr-2021 11:26 under ARI work order 21D0006. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: ____

Assigned ARI Job No: 21D0006 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1126 19.7

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00526

Cooler Accepted by: JG Date: 04/01/2021 Time: 1126

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: ____ Equipment: ____ Split by: ____

Samples Logged by: JG Date: 04/01/2021 Time: 1159 Labels checked by: JG

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 2100006

Cooler#: _____ Temperature(°C): 14.2

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: TS Date: 04/01/2021 Time: 1126

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:25

SO-TC-199A-033021

21D0006-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/30/2021 09:42

Instrument: ICP2 Analyst: SKD — Analyzed: 04/05/2021 16:56

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0006-01 A 02

Preparation Batch: BJD0054 — Sample Size: 25 mL (wet)

Prepared: 04/02/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.632	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.152	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:25

SO-TC-199A-033021

21D0006-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/30/2021 09:42

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 04/05/2021 21:48

Sample Preparation: Preparation Method: No Prep - Volatiles — Extract ID: 21D0006-01 A

Preparation Batch: BJD0138 — Sample Size: 20.16 g (wet)

Prepared: 04/05/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.38	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:25

SO-TC-199B-033021

21D0006-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/30/2021 13:55

Instrument: ICP2 Analyst: SKD — Analyzed: 04/05/2021 16:59

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0006-02 A 02

Preparation Batch: BJD0054 — Sample Size: 25 mL (wet)

Prepared: 04/02/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0970	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0334	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:25

SO-TC-199B-033021

21D0006-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/30/2021 13:55

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 04/05/2021 21:48

Sample Preparation: Preparation Method: No Prep - Volatiles — Extract ID: 21D0006-02 A

Preparation Batch: BJD0138 — Sample Size: 20.05 g (wet)

Prepared: 04/05/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.24	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:25

SO-TC-199C-033121

21D0006-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/31/2021 11:50

Instrument: ICP2 Analyst: SKD — Analyzed: 04/05/2021 17:59

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0006-03 A 02

Preparation Batch: BJD0054 — Sample Size: 25 mL (wet)

Prepared: 04/02/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.191	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0805	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:25

SO-TC-199C-033121

21D0006-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/31/2021 11:50

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 04/05/2021 21:48

Sample Preparation: Preparation Method: No Prep - Volatiles — Extract ID: 21D0006-03 A

Preparation Batch: BJD0138 — Sample Size: 20.08 g (wet)

Prepared: 04/05/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.08	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
07-Apr-2021 14:25

TCLP Metals and Metallic Compounds - Quality Control

Batch BJD0054 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJD0054-BLK1)					Prepared: 02-Apr-2021 Analyzed: 05-Apr-2021 15:48						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0136	0.0065	0.100	mg/L							J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
07-Apr-2021 14:25

Wet Chemistry - Quality Control

Batch BJD0138 - No Prep - Volatiles

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJD0138-BS1)				Prepared: 05-Apr-2021 Analyzed: 05-Apr-2021 21:48							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-Apr-2021 14:25

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	07-Apr-2021 14:25

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

19 April 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21D0131	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2021.04.19 11:14:13 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21D0131	Turn-around Requested: 3 days	Date: 4/12/2021	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 23.8
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-200A-041221	04/12/21	11:00	Soil	1	✔	✔	
SO-TC-200B-041221	04/12/21	11:10	Soil	1	✔	✔	
SO-TC-200C-041221	04/12/21	11:20	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Haltc	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/12/21 16:56	Date & Time: 04/12/2021 1656	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2021 11:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-200A-041221	21D0131-01	Solid	12-Apr-2021 11:00	12-Apr-2021 16:56
SO-TC-200B-041221	21D0131-02	Solid	12-Apr-2021 11:10	12-Apr-2021 16:56
SO-TC-200C-041221	21D0131-03	Solid	12-Apr-2021 11:20	12-Apr-2021 16:56

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2021 11:12

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21D0131

Sample receipt

Samples as listed on the preceding page were received 12-Apr-2021 16:56 under ARI work order 21D0131. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: ____

Assigned ARI Job No: 21D0131

Tracking No: ____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1656 — 23.8

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00 2206

Cooler Accepted by: JS Date: 04/13/2021 Time: 1656

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: ____			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: ____ Equipment: ____ Split by: ____

Samples Logged by: SC Date: 4/13/21 Time: 0859 Labels checked by: SC

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 21D0131

Cooler#: _____ Temperature(°C): 23.8

Sample ID	Bottle Count	Bottle Type
Samples received cubes 6's		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 04/20/21 Time: 1656

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2021 11:12

SO-TC-200A-041221

21D0131-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/12/2021 11:00

Instrument: ICP2 Analyst: SKD — Analyzed: 04/15/2021 20:01

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0131-01 A 03

Preparation Batch: BJD0384 — Sample Size: 25 mL (wet)

Prepared: 04/15/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.110	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	2.21	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2021 11:12

SO-TC-200A-041221

21D0131-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/12/2021 11:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/14/2021 13:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21D0131-01 A

Preparation Batch: BJD0358 — Sample Size: 19.97 g (wet)

Prepared: 04/14/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.74	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2021 11:12

SO-TC-200B-041221

21D0131-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/12/2021 11:10

Instrument: ICP2 Analyst: SKD — Analyzed: 04/15/2021 20:04

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0131-02 A 03

Preparation Batch: BJD0384 — Sample Size: 25 mL (wet)

Prepared: 04/15/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.181	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	6.45	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2021 11:12

SO-TC-200B-041221

21D0131-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/12/2021 11:10

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/14/2021 13:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21D0131-02 A

Preparation Batch: BJD0358 — Sample Size: 20.02 g (wet)

Prepared: 04/14/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.77	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2021 11:12

SO-TC-200C-041221

21D0131-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/12/2021 11:20

Instrument: ICP2 Analyst: SKD — Analyzed: 04/15/2021 20:07

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0131-03 A 03

Preparation Batch: BJD0384 — Sample Size: 25 mL (wet)

Prepared: 04/15/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0201	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.351	mg/L	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2021 11:12

SO-TC-200C-041221

21D0131-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/12/2021 11:20

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/14/2021 13:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21D0131-03 A

Preparation Batch: BJD0358 — Sample Size: 20.09 g (wet)

Prepared: 04/14/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.27	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
19-Apr-2021 11:12

TCLP Metals and Metallic Compounds - Quality Control

Batch BJD0384 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJD0384-BLK1)					Prepared: 15-Apr-2021 Analyzed: 15-Apr-2021 19:13						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0081	0.0065	0.100	mg/L							J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2021 11:12

Wet Chemistry - Quality Control

Batch BJD0358 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJD0358-BS1)				Prepared: 14-Apr-2021 Analyzed: 14-Apr-2021 13:25							
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2021 11:12

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2021 11:12

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

19 April 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21D0130	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2021.04.19 11:41:04 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 2100130	Turn-around Requested: 3 days	Date: 4/12/2021	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 23.8
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Oliva-Membreno		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-202A-033121	03/31/21	14:15	Soil	1	✔	✔	
SO-TC-202B-040121	04/01/21	10:10	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Hall	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/12/21 16:56	Date & Time: 04/12/2021 1656	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2021 11:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-202A-033121	21D0130-01	Solid	31-Mar-2021 14:15	12-Apr-2021 16:56
SO-TC-202B-040121	21D0130-02	Solid	01-Apr-2021 10:10	12-Apr-2021 16:56

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2021 11:27

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21D0130

Sample receipt

Samples as listed on the preceding page were received 12-Apr-2021 16:56 under ARI work order 21D0130. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries were within control limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

Sample specific QC was performed in association with sample 21D0130-01 in batch BJD0358. The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: ____

Assigned ARI Job No: 21D0130

Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1656 — 23.8

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: D00 (2006)

Cooler Accepted by: JS — Date: 04/13/2021 — Time: 1656

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: ____

Was sufficient ice used (if appropriate)? NA YES (NO)

How were bottles sealed in plastic bags? Individually (Grouped) Not

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA) ____

Were the sample(s) split by ARI? (NA) YES Date/Time: ____ Equipment: ____ Split by: ____

Samples Logged by: SC — Date: 4/13/21 — Time: 0849 — Labels checked by: SC

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 2100130

Cooler#: _____ **Temperature(°C):** 23.8

Sample ID	Bottle Count	Bottle Type
Samples received at 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 04/19/2021 Time: 1656

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2021 11:27

SO-TC-202A-033121

21D0130-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/31/2021 14:15

Instrument: ICP2 Analyst: SKD — Analyzed: 04/15/2021 19:16

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0130-01 A 03

Preparation Batch: BJD0384 — Sample Size: 25 mL (wet)

Prepared: 04/15/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.268	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0523	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2021 11:27

SO-TC-202A-033121

21D0130-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/31/2021 14:15

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/14/2021 13:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21D0130-01 A

Preparation Batch: BJD0358 — Sample Size: 20.06 g (wet)

Prepared: 04/14/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.22	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2021 11:27

SO-TC-202B-040121

21D0130-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/01/2021 10:10

Instrument: ICP2 Analyst: SKD — Analyzed: 04/15/2021 19:58

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0130-02 A 03

Preparation Batch: BJD0384 — Sample Size: 25 mL (wet)

Prepared: 04/15/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0471	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2021 11:27

SO-TC-202B-040121

21D0130-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/01/2021 10:10

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/14/2021 13:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21D0130-02 A

Preparation Batch: BJD0358 — Sample Size: 20.06 g (wet)

Prepared: 04/14/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	5.55	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
19-Apr-2021 11:27

TCLP Metals and Metallic Compounds - Quality Control

Batch BJD0384 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJD0384-BLK1)					Prepared: 15-Apr-2021 Analyzed: 15-Apr-2021 19:13						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0081	0.0065	0.100	mg/L							J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2021 11:27

Wet Chemistry - Quality Control

Batch BJD0358 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJD0358-BS1)				Prepared: 14-Apr-2021 Analyzed: 14-Apr-2021 13:25							
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BJD0358-DUP1)		**Source: 21D0130-01**		Prepared: 14-Apr-2021 Analyzed: 14-Apr-2021 13:25							
pH	7.28	0.01	0.01	pH Units		7.22			0.83	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2021 11:27

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	19-Apr-2021 11:27

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

27 April 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21D0213	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2021.04.27 07:32:16 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21D0213	Turn-around Requested: 3 days	Date: 4/20/2021	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 27.3
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Oliva-Membreno		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-204A-042021	04/20/21	13:35	Soil	1	✔	✔							
SO-TC-204B-042021	04/20/21	13:50	Soil	1	✔	✔							
SO-TC-204C-042021	04/20/21	14:05	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Hall	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/20/2021 16:44	Date & Time: 04/20/2021 1644	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 07:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-204A-042021	21D0213-01	Solid	20-Apr-2021 13:35	20-Apr-2021 16:44
SO-TC-204B-042021	21D0213-02	Solid	20-Apr-2021 13:50	20-Apr-2021 16:44
SO-TC-204C-042021	21D0213-03	Solid	20-Apr-2021 14:05	20-Apr-2021 16:44

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 07:27

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21D0213

Sample receipt

Samples as listed on the preceding page were received 20-Apr-2021 16:44 under ARI work order 21D0213. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

Sample specific QC was performed in association with sample 21D0213-01 in batch BJD0525. The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): _____ (NA) Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other: _____

Assigned ARI Job No: 21D0213 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1644 27.3 _____ _____ _____ _____ _____

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00506

Cooler Accepted by: JS Date: 04/30/2021 Time: 1644

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)	_____	

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JS Date: 04/30/2021 Time: 1706 Labels checked by: JS

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: _____ Date: _____

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 21D0213

Cooler#: _____ **Temperature(°C):** 27.3

Sample ID	Bottle Count	Bottle Type
Samples received about 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JS Date: 04/30/2021 Time: 1644

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 07:27

SO-TC-204A-042021

21D0213-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/20/2021 13:35

Instrument: ICP2 Analyst: SKD — Analyzed: 04/23/2021 14:17

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0213-01 A 02

Preparation Batch: BJD0534 — Sample Size: 25 mL (wet)

Prepared: 04/22/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.724	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0202	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 07:27

SO-TC-204A-042021

21D0213-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/20/2021 13:35

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 04/21/2021 21:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21D0213-01 A

Preparation Batch: BJD0525 — Sample Size: 20.04 g (wet)

Prepared: 04/21/2021 — Final Volume: 20.04 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.35	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 07:27

SO-TC-204B-042021

21D0213-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/20/2021 13:50

Instrument: ICP2 Analyst: SKD — Analyzed: 04/23/2021 14:20

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0213-02 A 02

Preparation Batch: BJD0534 — Sample Size: 25 mL (wet)

Prepared: 04/22/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.273	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0163	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 07:27

SO-TC-204B-042021

21D0213-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/20/2021 13:50

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 04/21/2021 21:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21D0213-02 A

Preparation Batch: BJD0525 — Sample Size: 20.02 g (wet)

Prepared: 04/21/2021 — Final Volume: 20.02 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.19	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 07:27

SO-TC-204C-042021

21D0213-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/20/2021 14:05

Instrument: ICP2 Analyst: SKD — Analyzed: 04/23/2021 14:23

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0213-03 A 02

Preparation Batch: BJD0534 — Sample Size: 25 mL (wet)

Prepared: 04/22/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.844	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0183	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 07:27

SO-TC-204C-042021

21D0213-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/20/2021 14:05

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 04/21/2021 21:21

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21D0213-03 A

Preparation Batch: BJD0525 — Sample Size: 20.31 g (wet)

Prepared: 04/21/2021 — Final Volume: 20.31 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.28	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 07:27

TCLP Metals and Metallic Compounds - Quality Control

Batch BJD0534 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJD0534-BLK1)					Prepared: 22-Apr-2021 Analyzed: 23-Apr-2021 14:14						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 07:27

Wet Chemistry - Quality Control

Batch BJD0525 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJD0525-BS1)				Prepared: 21-Apr-2021 Analyzed: 21-Apr-2021 21:21							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			
Duplicate (BJD0525-DUP1)		**Source: 21D0213-01**		Prepared: 21-Apr-2021 Analyzed: 21-Apr-2021 21:21							
pH	9.41	0.01	0.01	pH Units		9.35			0.64	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 07:27

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 07:27

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

27 April 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21D0229	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2021.04.27 13:42:41 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21D0229	Turn-around Requested: 3 days	Date: 4/21/2021	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 24.3
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-205A-042121	04/21/21	09:10	Soil	1	✔	✔	
SO-TC-205B-042121	04/21/21	09:20	Soil	1	✔	✔	
SO-TC-205C-042121	04/21/21	09:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Hall	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/21/2021 16:43	Date & Time: 04/21/2021 1643	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 13:35

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-205A-042121	21D0229-01	Solid	21-Apr-2021 09:10	21-Apr-2021 16:43
SO-TC-205B-042121	21D0229-02	Solid	21-Apr-2021 09:20	21-Apr-2021 16:43
SO-TC-205C-042121	21D0229-03	Solid	21-Apr-2021 09:30	21-Apr-2021 16:43

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 13:35

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21D0229

Sample receipt

Samples as listed on the preceding page were received 21-Apr-2021 16:43 under ARI work order 21D0229. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

Sample specific QC was performed in association with sample 21D0229-01 in batch BJD0600. The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 21D0229
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1643 — 24.3

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: DOO 5206

Cooler Accepted by: JGW Date: 04/21/2021 Time: 1643

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: KD Date: 4/22/21 Time: 0818 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 21D0229

Cooler#: 2 **Temperature(°C):** 24.3

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: SS Date: 04/21/2021 Time: 1643

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 13:35

SO-TC-205A-042121

21D0229-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/21/2021 09:10

Instrument: ICP2 Analyst: SKD — Analyzed: 04/26/2021 15:06

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0229-01 A 02

Preparation Batch: BJD0570 — Sample Size: 25 mL (wet)

Prepared: 04/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0482	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0403	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 13:35

SO-TC-205A-042121

21D0229-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/21/2021 09:10

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 04/25/2021 09:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21D0229-01 A

Preparation Batch: BJD0600 — Sample Size: 20.1 g (wet)

Prepared: 04/25/2021 — Final Volume: 20.1 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.59	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 13:35

SO-TC-205B-042121

21D0229-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/21/2021 09:20

Instrument: ICP2 Analyst: SKD — Analyzed: 04/26/2021 15:09

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0229-02 A 02

Preparation Batch: BJD0570 — Sample Size: 25 mL (wet)

Prepared: 04/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.133	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0297	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 13:35

SO-TC-205B-042121

21D0229-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/21/2021 09:20

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 04/25/2021 09:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21D0229-02 A

Preparation Batch: BJD0600 — Sample Size: 20.05 g (wet)

Prepared: 04/25/2021 — Final Volume: 20.05 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.21	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 13:35

SO-TC-205C-042121

21D0229-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/21/2021 09:30

Instrument: ICP2 Analyst: SKD — Analyzed: 04/26/2021 15:12

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0229-03 A 02

Preparation Batch: BJD0570 — Sample Size: 25 mL (wet)

Prepared: 04/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0994	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0249	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 13:35

SO-TC-205C-042121

21D0229-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/21/2021 09:30

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 04/25/2021 09:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21D0229-03 A

Preparation Batch: BJD0600 — Sample Size: 20.04 g (wet)

Prepared: 04/25/2021 — Final Volume: 20.04 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.46	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 13:35

TCLP Metals and Metallic Compounds - Quality Control

Batch BJD0570 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJD0570-BLK1)					Prepared: 23-Apr-2021 Analyzed: 26-Apr-2021 15:03						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0089	0.0065	0.100	mg/L							J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 13:35

Wet Chemistry - Quality Control

Batch BJD0600 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJD0600-BS1)				Prepared: 25-Apr-2021 Analyzed: 25-Apr-2021 09:38							
pH	7.01	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BJD0600-DUP1)		**Source: 21D0229-01**		Prepared: 25-Apr-2021 Analyzed: 25-Apr-2021 09:38							
pH	9.44	0.01	0.01	pH Units		9.59			1.58	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2021 13:35

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	27-Apr-2021 13:35

Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

29 April 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21D0241	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2021.04.29 08:23:41 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 2100241	Turn-around Requested: 3 days	Date: 4/22/2021	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 24.3
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-206A-042221	04/22/21	12:40	Soil	1	✔	✔	
SO-TC-206B-042221	04/22/21	12:50	Soil	1	✔	✔	
SO-TC-206C-042221	04/22/21	13:00	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/22/21 14:01	Date & Time: 04/22/2021 1401	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2021 08:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-206A-042221	21D0241-01	Solid	22-Apr-2021 12:40	22-Apr-2021 14:01
SO-TC-206B-042221	21D0241-02	Solid	22-Apr-2021 12:50	22-Apr-2021 14:01
SO-TC-206C-042221	21D0241-03	Solid	22-Apr-2021 13:00	22-Apr-2021 14:01

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2021 08:20

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21D0241

Sample receipt

Samples as listed on the preceding page were received 22-Apr-2021 14:01 under ARI work order 21D0241. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Sample specific QC was performed in association with sample 21D0241-01 in batch BJD0627. The duplicate (DUP) relative percent difference (RPD) and the matrix spike (MS) percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 21D0241 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1401 24.3

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00506

Cooler Accepted by: JSM Date: 04/22/2021 Time: 1401

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: SC Date: 4/22/21 Time: 1448 Labels checked by: SC

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 2100241

Cooler#: _____ Temperature(°C): 24.3

Sample ID	Bottle Count	Bottle Type
Samples received labeled 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 04/22/2021 Time: 1401

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2021 08:20

SO-TC-206A-042221

21D0241-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/22/2021 12:40

Instrument: ICP2 Analyst: MCB — Analyzed: 04/27/2021 16:05

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0241-01 A 02

Preparation Batch: BJD0627 — Sample Size: 25 mL (wet)

Prepared: 04/27/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.305	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0226	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2021 08:20

SO-TC-206A-042221

21D0241-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/22/2021 12:40

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 04/25/2021 09:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21D0241-01 A

Preparation Batch: BJD0600 — Sample Size: 20.08 g (wet)

Prepared: 04/25/2021 — Final Volume: 20.08 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.94	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2021 08:20

SO-TC-206B-042221

21D0241-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/22/2021 12:50

Instrument: ICP2 Analyst: MCB — Analyzed: 04/27/2021 15:53

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0241-02 A 02

Preparation Batch: BJD0627 — Sample Size: 25 mL (wet) — Dry Weight:20.52 mL

Prepared: 04/27/2021 — Final Volume: 25 mL — % Solids: 82.07

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.179	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0199	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2021 08:20

SO-TC-206B-042221

21D0241-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/22/2021 12:50

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 04/25/2021 09:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21D0241-02 A

Preparation Batch: BJD0600 — Sample Size: 20.12 g (wet) — Dry Weight:16.51 g

Prepared: 04/25/2021 — Final Volume: 20.12 g — % Solids: 82.07

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.64	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2021 08:20

SO-TC-206C-042221

21D0241-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/22/2021 13:00

Instrument: ICP2 Analyst: MCB — Analyzed: 04/27/2021 15:56

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0241-03 A 02

Preparation Batch: BJD0627 — Sample Size: 25 mL (wet) — Dry Weight:21.05 mL

Prepared: 04/27/2021 — Final Volume: 25 mL — % Solids: 84.18

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.224	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0130	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2021 08:20

SO-TC-206C-042221

21D0241-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/22/2021 13:00

Instrument: Accumet AB150 Analyst: KLE — Analyzed: 04/25/2021 09:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21D0241-03 A

Preparation Batch: BJD0600 — Sample Size: 20.05 g (wet) — Dry Weight:16.88 g

Prepared: 04/25/2021 — Final Volume: 20.05 g — % Solids: 84.18

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.57	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2021 08:20

TCLP Metals and Metallic Compounds - Quality Control

Batch BJD0627 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MCB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJD0627-BLK1)				Prepared: 27-Apr-2021 Analyzed: 27-Apr-2021 15:38							
Arsenic	0.0256	0.0140	0.250	mg/L							J
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BJD0627-DUP1)		**Source: 21D0241-01**		Prepared: 27-Apr-2021 Analyzed: 27-Apr-2021 16:02							
Arsenic	0.289	0.0140	0.250	mg/L		0.305			5.48	20	
Lead	0.0117	0.0065	0.100	mg/L		0.0226			63.20	20	L, J
Matrix Spike (BJD0627-MS1)		**Source: 21D0241-01**		Prepared: 27-Apr-2021 Analyzed: 27-Apr-2021 16:08							
Arsenic	4.29	0.0140	0.250	mg/L	4.00	0.305	99.7	75-125			
Lead	3.68	0.0065	0.100	mg/L	4.00	0.0226	91.5	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2021 08:20

Wet Chemistry - Quality Control

Batch BJD0600 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: KLE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJD0600-BS1)				Prepared: 25-Apr-2021 Analyzed: 25-Apr-2021 09:38							
pH	7.01	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Apr-2021 08:20

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	29-Apr-2021 08:20

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

30 April 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21D0279	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2021.04.30 16:35:49 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21D0279	Turn-around Requested: 3 days	Date: 4/26/2021	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 21.6
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-207A-042621	04/26/21	09:15	Soil	1	✔	✔	
SO-TC-207B-042621	04/26/21	09:25	Soil	1	✔	✔	
SO-TC-207C-042621	04/26/21	09:35	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ANZ	Company:	Company:
	Date & Time: 4/26/2021 1639	Date & Time: 04/26/2021 1639	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Apr-2021 16:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-207A-042621	21D0279-01	Solid	26-Apr-2021 09:15	26-Apr-2021 16:39
SO-TC-207B-042621	21D0279-02	Solid	26-Apr-2021 09:25	26-Apr-2021 16:39
SO-TC-207C-042621	21D0279-03	Solid	26-Apr-2021 09:35	26-Apr-2021 16:39

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Apr-2021 16:32

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21D0279

Sample receipt

Samples as listed on the preceding page were received 26-Apr-2021 16:39 under ARI work order 21D0279. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

Sample specific QC was performed in association with sample 21D0279-01 in batch BJD0699. The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Sample specific QC was performed in association with sample 21D0279-01 in batch BJD0686. The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 21D0279 Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1639 21.6

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 5206

Cooler Accepted by: JJ~ Date: 04/26/2021 Time: 1639

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? JJ~		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap (Wet Ice) Gel Packs (Baggies) Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: JJ~ Date: 04/27/2021 Time: 0822 Labels checked by: JJ~

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 21D0279

Cooler#: _____ **Temperature(°C):** 21.6

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 04/26/2021 Time: 1639

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Apr-2021 16:32

SO-TC-207A-042621

21D0279-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/26/2021 09:15

Instrument: ICP2 Analyst: SKD — Analyzed: 04/29/2021 15:50

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0279-01 A 02

Preparation Batch: BJD0686 — Sample Size: 25 mL (wet)

Prepared: 04/29/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.184	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0215	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Apr-2021 16:32

SO-TC-207A-042621

21D0279-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/26/2021 09:15

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/29/2021 13:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21D0279-01 A 01

Preparation Batch: BJD0699 — Sample Size: 20.09 g (wet)

Prepared: 04/29/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.39	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Apr-2021 16:32

SO-TC-207B-042621

21D0279-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/26/2021 09:25

Instrument: ICP2 Analyst: SKD — Analyzed: 04/29/2021 16:09

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0279-02 A 02

Preparation Batch: BJD0686 — Sample Size: 25 mL (wet)

Prepared: 04/29/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.175	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0166	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Apr-2021 16:32

SO-TC-207B-042621

21D0279-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/26/2021 09:25

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/29/2021 13:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21D0279-02 A 01

Preparation Batch: BJD0699 — Sample Size: 20.05 g (wet)

Prepared: 04/29/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.47	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Apr-2021 16:32

SO-TC-207C-042621

21D0279-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/26/2021 09:35

Instrument: ICP2 Analyst: SKD — Analyzed: 04/29/2021 16:12

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0279-03 A 02

Preparation Batch: BJD0686 — Sample Size: 25 mL (wet)

Prepared: 04/29/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.111	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0257	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Apr-2021 16:32

SO-TC-207C-042621

21D0279-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/26/2021 09:35

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/29/2021 13:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21D0279-03 A 01

Preparation Batch: BJD0699 — Sample Size: 20.01 g (wet)

Prepared: 04/29/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.46	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
30-Apr-2021 16:32

TCLP Metals and Metallic Compounds - Quality Control

Batch BJD0686 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJD0686-BLK1)				Prepared: 29-Apr-2021 Analyzed: 29-Apr-2021 15:28							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BJD0686-DUP1)		**Source: 21D0279-01**		Prepared: 29-Apr-2021 Analyzed: 29-Apr-2021 15:47							
Arsenic	0.232	0.0140	0.250	mg/L		0.184			23.30	20	L, J
Lead	0.0173	0.0065	0.100	mg/L		0.0215			21.70	20	*, J
Matrix Spike (BJD0686-MS1)		**Source: 21D0279-01**		Prepared: 29-Apr-2021 Analyzed: 29-Apr-2021 15:53							
Arsenic	4.39	0.0140	0.250	mg/L	4.00	0.184	105	75-125			
Lead	3.88	0.0065	0.100	mg/L	4.00	0.0215	96.4	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Apr-2021 16:32

Wet Chemistry - Quality Control

Batch BJD0699 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJD0699-BS1)				Prepared: 29-Apr-2021 Analyzed: 29-Apr-2021 13:30							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			
Duplicate (BJD0699-DUP1)		**Source: 21D0279-01**		Prepared: 29-Apr-2021 Analyzed: 29-Apr-2021 13:30							
pH	9.42	0.01	0.01	pH Units		9.39			0.32	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Apr-2021 16:32

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	30-Apr-2021 16:32

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

05 May 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21D0294	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2021.05.05 08:21:23 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21D0294	Turn-around Requested: 3 days	Date: 4/27/2021	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 23.7
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-208A-042721	04/27/21	14:35	Soil	1	✔	✔	
SO-TC-208B-042721	04/27/21	14:45	Soil	1	✔	✔	
SO-TC-208C-042721	04/27/21	14:55	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Haltc	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/27/2021 16:43	Date & Time: 04/27/2021 1643	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-May-2021 08:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-208A-042721	21D0294-01	Solid	27-Apr-2021 14:35	28-Apr-2021 16:43
SO-TC-208B-042721	21D0294-02	Solid	27-Apr-2021 14:45	28-Apr-2021 16:43
SO-TC-208C-042721	21D0294-03	Solid	27-Apr-2021 14:55	28-Apr-2021 16:43

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-May-2021 08:18

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21D0294

Sample receipt

Samples as listed on the preceding page were received 28-Apr-2021 16:43 under ARI work order 21D0294. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Sample specific QC was performed in association with sample 21D0294-01 in batch BJD0728. The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): _____ (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 21D0294 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1643 2.7 ___ ___ ___ ___ ___

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DQO 5206

Cooler Accepted by: JS~ Date: 04/27/2021 Time: 1643

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)	_____	

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JS~ Date: 04/28/2021 Time: 1321 Labels checked by: JS~

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 21D0294

Cooler#: _____ **Temperature(°C):** 23.7°C

Sample ID	Bottle Count	Bottle Type
Samples received about 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 04/27/2021 Time: 1645

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-May-2021 08:18

SO-TC-208A-042721

21D0294-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/27/2021 14:35

Instrument: ICP2 Analyst: SKD — Analyzed: 05/03/2021 15:23

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0294-01 A 02

Preparation Batch: BJD0728 — Sample Size: 25 mL (wet)

Prepared: 05/03/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.475	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0114	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-May-2021 08:18

SO-TC-208A-042721

21D0294-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/27/2021 14:35

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/29/2021 13:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21D0294-01 A

Preparation Batch: BJD0699 — Sample Size: 20.02 g (wet)

Prepared: 04/29/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.69	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-May-2021 08:18

SO-TC-208B-042721

21D0294-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/27/2021 14:45

Instrument: ICP2 Analyst: SKD — Analyzed: 05/03/2021 15:14

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0294-02 A 02

Preparation Batch: BJD0728 — Sample Size: 25 mL (wet)

Prepared: 05/03/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.208	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-May-2021 08:18

SO-TC-208B-042721

21D0294-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/27/2021 14:45

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/29/2021 13:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21D0294-02 A

Preparation Batch: BJD0699 — Sample Size: 20.12 g (wet)

Prepared: 04/29/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.66	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-May-2021 08:18

SO-TC-208C-042721

21D0294-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/27/2021 14:55

Instrument: ICP2 Analyst: SKD — Analyzed: 05/03/2021 15:17

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21D0294-03 A 02

Preparation Batch: BJD0728 — Sample Size: 25 mL (wet)

Prepared: 05/03/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0348	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-May-2021 08:18

SO-TC-208C-042721

21D0294-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/27/2021 14:55

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/29/2021 13:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21D0294-03 A

Preparation Batch: BJD0699 — Sample Size: 20.09 g (wet)

Prepared: 04/29/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.62	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-May-2021 08:18

TCLP Metals and Metallic Compounds - Quality Control

Batch BJD0728 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJD0728-BLK1)					Prepared: 03-May-2021 Analyzed: 03-May-2021 15:11						
Arsenic	0.0228	0.0140	0.250	mg/L							J
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BJD0728-DUP1)		**Source: 21D0294-01**			Prepared: 03-May-2021 Analyzed: 03-May-2021 15:20						
Arsenic	0.485	0.0140	0.250	mg/L		0.475			2.18	20	
Lead	0.0111	0.0065	0.100	mg/L		0.0114			2.34	20	J
Matrix Spike (BJD0728-MS1)		**Source: 21D0294-01**			Prepared: 03-May-2021 Analyzed: 03-May-2021 15:26						
Arsenic	4.63	0.0140	0.250	mg/L	4.00	0.475	104	75-125			
Lead	3.89	0.0065	0.100	mg/L	4.00	0.0114	96.9	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
05-May-2021 08:18

Wet Chemistry - Quality Control

Batch BJD0699 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJD0699-BS1)				Prepared: 29-Apr-2021 Analyzed: 29-Apr-2021 13:30							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-May-2021 08:18

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-May-2021 08:18

Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

12 May 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21E0037	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2021.05.12 12:38:55 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21E0037	Turn-around Requested: 3 days	Date: 5/4/2021	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 0	Cooler Temps: 22.2
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-209A-050421	05/04/21	08:00	Soil	1	✔	✔							
SO-TC-209B-050421	05/04/21	08:10	Soil	1	✔	✔							
SO-TC-209C-050421	05/04/21	08:20	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Kenny King			
	Printed Name: Kenny King	Printed Name: Kenny Dang	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/4/21 16:45	Date & Time: 5/4/21 1645	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-May-2021 12:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-209A-05-0421	21E0037-01	Solid	04-May-2021 08:00	04-May-2021 16:45
SO-TC-209B-05-0421	21E0037-02	Solid	04-May-2021 08:10	04-May-2021 16:45
SO-TC-209C-05-0421	21E0037-03	Solid	04-May-2021 08:20	04-May-2021 16:45

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-May-2021 12:32

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21E0037

Sample receipt

Samples as listed on the preceding page were received 04-May-2021 16:45 under ARI work order 21E0037. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Sample specific QC was performed in association with sample 21E0037-01 in batch BJE0246. The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 21E0037
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1645 — 22.2

If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: DOO S266

Cooler Accepted by: KD Date: 5/14/21 Time: 1645

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: KD Date: 5/14/21 Time: 1700 Labels checked by: KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-May-2021 12:32

SO-TC-209A-05-0421

21E0037-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/04/2021 08:00

Instrument: ICP2 Analyst: SKD — Analyzed: 05/11/2021 16:29

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21E0037-01 A 02

Preparation Batch: BJE0246 — Sample Size: 25 mL (wet)

Prepared: 05/11/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0165	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-May-2021 12:32

SO-TC-209A-05-0421

21E0037-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/04/2021 08:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 05/05/2021 13:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21E0037-01 A

Preparation Batch: BJE0095 — Sample Size: 20 g (wet)

Prepared: 05/05/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.22	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-May-2021 12:32

SO-TC-209B-05-0421

21E0037-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/04/2021 08:10

Instrument: ICP2 Analyst: SKD — Analyzed: 05/11/2021 16:20

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21E0037-02 A 02

Preparation Batch: BJE0246 — Sample Size: 25 mL (wet)

Prepared: 05/11/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0245	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0158	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-May-2021 12:32

SO-TC-209B-05-0421

21E0037-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/04/2021 08:10

Instrument: Accumet AB150 Analyst: UW — Analyzed: 05/05/2021 13:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21E0037-02 A

Preparation Batch: BJE0095 — Sample Size: 20 g (wet)

Prepared: 05/05/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.32	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-May-2021 12:32

SO-TC-209C-05-0421

21E0037-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/04/2021 08:20

Instrument: ICP2 Analyst: SKD — Analyzed: 05/11/2021 16:23

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21E0037-03 A 02

Preparation Batch: BJE0246 — Sample Size: 25 mL (wet)

Prepared: 05/11/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0183	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-May-2021 12:32

SO-TC-209C-05-0421

21E0037-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/04/2021 08:20

Instrument: Accumet AB150 Analyst: UW — Analyzed: 05/05/2021 13:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21E0037-03 A

Preparation Batch: BJE0095 — Sample Size: 20 g (wet)

Prepared: 05/05/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.31	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
12-May-2021 12:32

TCLP Metals and Metallic Compounds - Quality Control

Batch BJE0246 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJE0246-BLK1)					Prepared: 11-May-2021 Analyzed: 11-May-2021 16:15						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0072	0.0065	0.100	mg/L							J
Duplicate (BJE0246-DUP1)		**Source: 21E0037-01**			Prepared: 11-May-2021 Analyzed: 11-May-2021 16:26						
Arsenic	ND	0.0140	0.250	mg/L		ND					U
Lead	0.0198	0.0065	0.100	mg/L		0.0165			18.10	20	J
Matrix Spike (BJE0246-MS1)		**Source: 21E0037-01**			Prepared: 11-May-2021 Analyzed: 11-May-2021 16:32						
Arsenic	3.90	0.0140	0.250	mg/L	4.00	ND	97.4	75-125			
Lead	3.61	0.0065	0.100	mg/L	4.00	0.0165	89.8	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
12-May-2021 12:32

Wet Chemistry - Quality Control

Batch BJE0095 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJE0095-BS1)				Prepared: 05-May-2021 Analyzed: 05-May-2021 13:25							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-May-2021 12:32

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	12-May-2021 12:32

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

11 May 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21E0038	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2021.05.11 12:03:39 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

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Analytical Resources, Inc.

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Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21E0038	Turn-around Requested: 3 days			Date: 5/4/2021	
ARI Client Company: PERC	Phone: 425-346-0921			Page: of	
Client Contact: Kenny King				No. of Coolers: 1	Cooler Temps: 22.2
Client Project Name: Superlon Plastics					
Client Project #: SLON	Samplers: King				

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-210A-050321	05/03/21	08:05	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name:	Printed Name:	Printed Name:
	Company: PERC	Company:	Company:	Company:
	Date & Time: 5/3/21 16:45	Date & Time: 5/4/21 1645	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	11-May-2021 12:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-210A-050321	21E0038-01	Solid	03-May-2021 08:05	04-May-2021 16:45

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-May-2021 12:00

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21E0038

Sample receipt

One sample as listed on the preceding page was received 04-May-2021 16:45 under ARI work order 21E0038. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 21E0038

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1645 22.2

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00 S 206

Cooler Accepted by: KD Date: 5/4/21 Time: 1645

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI.	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: KD Date: 5/4/21 Time: 1708 Labels checked by: KD

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 21E0038

Cooler#: 1 **Temperature(°C):** 22.2

Sample ID	Bottle Count	Bottle Type
Samples received above 6 °C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: KD Date: 5/14/21 Time: 1643

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-May-2021 12:00

SO-TC-210A-050321

21E0038-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010C — Sampled: 05/03/2021 08:05

Instrument: ICP2 Analyst: SKD — Analyzed: 05/06/2021 17:46

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21E0038-01 A 02

Preparation Batch: BJE0126 — Sample Size: 25 mL (wet)

Prepared: 05/06/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0230	0.250	ND	mg/L	U

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-May-2021 12:00

SO-TC-210A-050321

21E0038-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/03/2021 08:05

Instrument: ICP2 Analyst: SKD — Analyzed: 05/06/2021 17:46

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21E0038-01 A 02

Preparation Batch: BJE0126 — Sample Size: 25 mL (wet)

Prepared: 05/06/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Lead	7439-92-1	5	0.0065	0.100	0.0444	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-May-2021 12:00

SO-TC-210A-050321

21E0038-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/03/2021 08:05

Instrument: Accumet AB150 Analyst: UW — Analyzed: 05/05/2021 13:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21E0038-01 A

Preparation Batch: BJE0095 — Sample Size: 20 g (wet)

Prepared: 05/05/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.01	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
11-May-2021 12:00

TCLP Metals and Metallic Compounds - Quality Control

Batch BJE0126 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJE0126-BLK1)				Prepared: 06-May-2021 Analyzed: 06-May-2021 17:43							
Arsenic	ND	0.0230	0.250	mg/L							U
Lead	0.0109	0.0065	0.100	mg/L							J

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
11-May-2021 12:00

Wet Chemistry - Quality Control

Batch BJE0095 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJE0095-BS1)				Prepared: 05-May-2021 Analyzed: 05-May-2021 13:25							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-May-2021 12:00

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Solid	
Arsenic	CALAP,NELAP,WADOE
Arsenic	CALAP,NELAP
Arsenic	CALAP,WADOE
Arsenic	NELAP,WADOE
EPA 6010D in Solid	
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
Lead	WADOE,DoD-ELAP
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,CALAP,DoD-ELAP,NELAP
pH	CALAP,DoD-ELAP,NELAP
pH	WADOE,CALAP,DoD-ELAP
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	11-May-2021 12:00

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

14 May 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21E0124	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Accredited in accordance with nelac
Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21E0124	Turn-around Requested: 3 days	Date: 5/10/2021	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 22.1 C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-211A-051021	05/10/21	13:10	Soil	1	✔	✔							
SO-TC-211B-051021	05/10/21	13:20	Soil	1	✔	✔							
SO-TC-211C-051021	05/10/21	13:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Hall	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/10/2021 1640	Date & Time: 05/10/2021 1640	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-May-2021 15:08

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-211A-051021	21E0124-01	Solid	10-May-2021 13:10	10-May-2021 16:40
SO-TC-211B-051021	21E0124-02	Solid	10-May-2021 13:20	10-May-2021 16:40
SO-TC-211C-051021	21E0124-03	Solid	10-May-2021 13:30	10-May-2021 16:40

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-May-2021 15:08

Work Order Case Narrative

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The blank spike (BS/LCS) percent recoveries were within control limits.

The sample duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): _____ (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 21E0124 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)

Were custody papers included with the cooler? ..... YES NO

Were custody papers properly filled out (ink, signed, etc.) ..... YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1640 22.9 ___ ___ ___ ___ ___

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 5206

Cooler Accepted by: _____ Date: 05/06/21 Time: 1640

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? ..... YES (NO)

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? ..... NA YES (NO)

How were bottles sealed in plastic bags? ..... Individually (Grouped) Not

Did all bottles arrive in good condition (unbroken)? ..... (YES) NO

Were all bottle labels complete and legible? ..... (YES) NO

Did the number of containers listed on COC match with the number of containers received? ..... (YES) NO

Did all bottle labels and tags agree with custody papers? ..... (YES) NO

Were all bottles used correct for the requested analyses? ..... (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ... (NA) YES NO

Were all VOC vials free of air bubbles? ..... (NA) YES NO

Was sufficient amount of sample sent in each bottle? ..... (YES) NO

Date VOC Trip Blank was made at ARI..... (NA) _____

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: SC Date: 4/11/21 Time: 0816 Labels checked by: SC

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: _____ Date: _____

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 21E0124

Cooler#: _____ **Temperature(°C):** 22.9

Sample ID	Bottle Count	Bottle Type
Samples received		
above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 05/10/2021 Time: 1640

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-May-2021 15:08

SO-TC-211A-051021

21E0124-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/10/2021 13:10

Instrument: ICP2 Analyst: MVP — Analyzed: 05/13/2021 17:59

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21E0124-01 A 02

Preparation Batch: BJE0325 — Sample Size: 25 mL (wet)

Prepared: 05/13/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0178	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0209	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-May-2021 15:08

SO-TC-211A-051021

21E0124-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/10/2021 13:10

Instrument: Accumet AB150 Analyst: BF — Analyzed: 05/13/2021 16:44

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21E0124-01 A

Preparation Batch: BJE0342 — Sample Size: 20.12 g (wet)

Prepared: 05/13/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.52	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-May-2021 15:08

SO-TC-211B-051021

21E0124-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/10/2021 13:20

Instrument: ICP2 Analyst: MVP — Analyzed: 05/13/2021 18:02

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21E0124-02 A 02

Preparation Batch: BJE0325 — Sample Size: 25 mL (wet)

Prepared: 05/13/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0141	mg/L	J

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-May-2021 15:08

SO-TC-211B-051021

21E0124-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/10/2021 13:20

Instrument: Accumet AB150 Analyst: BF — Analyzed: 05/13/2021 16:44

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21E0124-02 A

Preparation Batch: BJE0342 — Sample Size: 20.5 g (wet)

Prepared: 05/13/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.38	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-May-2021 15:08

SO-TC-211C-051021

21E0124-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/10/2021 13:30

Instrument: ICP2 Analyst: MVP — Analyzed: 05/13/2021 18:05

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21E0124-03 A 02

Preparation Batch: BJE0325 — Sample Size: 25 mL (wet)

Prepared: 05/13/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0117	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-May-2021 15:08

SO-TC-211C-051021

21E0124-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/10/2021 13:30

Instrument: Accumet AB150 Analyst: BF — Analyzed: 05/13/2021 16:44

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21E0124-03 A

Preparation Batch: BJE0342 — Sample Size: 20.35 g (wet)

Prepared: 05/13/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.45	pH Units	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
14-May-2021 15:08

TCLP Metals and Metallic Compounds - Quality Control

Batch BJE0325 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MVP

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJE0325-BLK1)					Prepared: 13-May-2021 Analyzed: 13-May-2021 17:46						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
14-May-2021 15:08

Wet Chemistry - Quality Control

Batch BJE0342 - EPA 9045D

Instrument: Accumet AB150 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJE0342-BS1)				Prepared: 13-May-2021 Analyzed: 13-May-2021 16:44							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			
Duplicate (BJE0342-DUP1)		**Source: 21E0124-01**		Prepared: 13-May-2021 Analyzed: 13-May-2021 16:44							
pH	9.43	0.01	0.01	pH Units		9.52			0.95	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-May-2021 15:08

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Arsenic	NELAP
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP
pH	DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	14-May-2021 15:08

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

21 May 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21E0165	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, Inc.

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Accredited in accordance with nelac
Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21E0165	Turn-around Requested: 3 day	Date: 5/13/21	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 28.4
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP - As & Pb	Analysis Requested: pH 9045C)	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-212A-051321	05/13/21	10:00	Soil	1	✔	✔							
SO-TC-212B-051321	05/13/21	10:15	Soil	1	✔	✔							
SO-TC-212C-051321	05/13/21	10:26	Soil	1	✔	✔							
									✔				

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Jacob Walter	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/13/21 2:56.	Date & Time: 05/13/2021 1456	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2021 16:57

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-212A-051321	21E0165-01	Solid	13-May-2021 10:00	13-May-2021 14:56
SO-TC-212B-051321	21E0165-02	Solid	13-May-2021 10:15	13-May-2021 14:56
SO-TC-212C-051321	21E0165-03	Solid	13-May-2021 10:26	13-May-2021 14:56

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2021 16:57

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21E0165

Sample receipt

Samples as listed on the preceding page were received 13-May-2021 14:56 under ARI work order 21E0165. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

Sample specific QC was performed in association with sample 21E0165-01 in batch BJE0427. The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Sample specific QC was performed in association with sample 21E0165-01 in batch BJE0425. The duplicate (DUP) relative percent difference (RPD) and the matrix spike (MS) percent recoveries were within control limits.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superior Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 21E0165
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1456 28.4

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00206

Cooler Accepted by: JS Date: 05/13/2021 Time: 1456

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI...	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: PL Date: 05/13/21 Time: 1532 Labels checked by: ~~1532~~ KD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 21E0165

Cooler#: _____ **Temperature(°C):** 28.4

Sample ID	Bottle Count	Bottle Type
Samples received above 6°c		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 05/17/2021 Time: 1456

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2021 16:57

SO-TC-212A-051321

21E0165-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/13/2021 10:00

Instrument: ICP2 Analyst: MVP — Analyzed: 05/19/2021 14:59

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21E0165-01 A 02

Preparation Batch: BJE0425 — Sample Size: 25 mL (wet)

Prepared: 05/19/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0267	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0249	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2021 16:57

SO-TC-212A-051321

21E0165-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/13/2021 10:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 05/18/2021 14:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21E0165-01 A 01

Preparation Batch: BJE0427 — Sample Size: 20.11 g (wet)

Prepared: 05/18/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.32	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2021 16:57

SO-TC-212B-051321

21E0165-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/13/2021 10:15

Instrument: ICP2 Analyst: MVP — Analyzed: 05/19/2021 14:50

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21E0165-02 A 02

Preparation Batch: BJE0425 — Sample Size: 25 mL (wet)

Prepared: 05/19/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0267	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2021 16:57

SO-TC-212B-051321

21E0165-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/13/2021 10:15

Instrument: Accumet AB150 Analyst: UW — Analyzed: 05/18/2021 14:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21E0165-02 A 01

Preparation Batch: BJE0427 — Sample Size: 20.22 g (wet)

Prepared: 05/18/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.29	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2021 16:57

SO-TC-212C-051321

21E0165-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/13/2021 10:26

Instrument: ICP2 Analyst: MVP — Analyzed: 05/19/2021 14:53

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21E0165-03 A 02

Preparation Batch: BJE0425 — Sample Size: 25 mL (wet)

Prepared: 05/19/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0590	mg/L	J

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2021 16:57

SO-TC-212C-051321

21E0165-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/13/2021 10:26

Instrument: Accumet AB150 Analyst: UW — Analyzed: 05/18/2021 14:25

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21E0165-03 A 01

Preparation Batch: BJE0427 — Sample Size: 20.09 g (wet)

Prepared: 05/18/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.30	pH Units	

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics
8424 E Meadow Lake Drive	Project Number:	SLON
Snohomish WA, 98290	Project Manager:	Kenny King

Reported:
21-May-2021 16:57

TCLP Metals and Metallic Compounds - Quality Control

Batch BJE0425 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MVP

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJE0425-BLK1)				Prepared: 19-May-2021 Analyzed: 19-May-2021 14:47							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BJE0425-DUP1)		**Source: 21E0165-01**		Prepared: 19-May-2021 Analyzed: 19-May-2021 14:56							
Arsenic	0.0384	0.0140	0.250	mg/L		0.0267			36.00	20	L, J
Lead	0.0320	0.0065	0.100	mg/L		0.0249			24.90	20	L, J
Matrix Spike (BJE0425-MS1)		**Source: 21E0165-01**		Prepared: 19-May-2021 Analyzed: 19-May-2021 15:02							
Arsenic	3.86	0.0140	0.250	mg/L	4.00	0.0267	95.9	75-125			
Lead	3.55	0.0065	0.100	mg/L	4.00	0.0249	88.1	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2021 16:57

Wet Chemistry - Quality Control

Batch BJE0427 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJE0427-BS1)				Prepared: 18-May-2021 Analyzed: 18-May-2021 14:25							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			
Duplicate (BJE0427-DUP1)		**Source: 21E0165-01**		Prepared: 18-May-2021 Analyzed: 18-May-2021 14:25							
pH	9.29	0.01	0.01	pH Units		9.32			0.32	20	

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PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-May-2021 16:57

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Arsenic	NELAP
Lead	NELAP,WADOE,DoD-ELAP
Lead	NELAP,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP
pH	DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022

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PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	21-May-2021 16:57

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

09 November 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21K0067	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2021.11.09 17:58:59 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Shelly Fishel, Project Manager

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21K0067	Turn-around Requested: 3 DAY	Date: 11/3/2021	
ARI Client Company: PERC	Phone: 4253480921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps: 19.8
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-226A-110321	11/03/21	13:40	SOIL	1	✔	✔	
SO-TC-226B-110321	11/03/21	13:50	SOIL	1	✔	✔	
SO-TC-226C-110321	11/03/21	14:00	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Dimitri Laminadze	Printed Name:	Printed Name:
	Company: PERC	Company: ART	Company:	Company:
	Date & Time: 11/3/2021 16:55	Date & Time: 11/03/21 1655	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2021 17:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-226A-110321	21K0067-01	Solid	03-Nov-2021 13:40	03-Nov-2021 16:55
SO-TC-226B-110321	21K0067-02	Solid	03-Nov-2021 13:50	03-Nov-2021 16:55
SO-TC-226C-110321	21K0067-03	Solid	03-Nov-2021 14:00	03-Nov-2021 16:55

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2021 17:54

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21K0067

Sample receipt

Samples as listed on the preceding page were received 03-Nov-2021 16:55 under ARI work order 21K0067. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

Sample specific QC was performed in association with sample 21K0067-01 in batch BJK0204. The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Sample specific QC was performed in association with sample 21K0067-01 in batch BJK0157. The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): _____ NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 21K0067

Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 1.98

Time 1655

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D00256635

Cooler Accepted by: DL Date: 11/03/21 Time: 1655

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: AP Date: 11/04/21 Time: 829 Labels checked by: JBL

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 21K0067

Cooler#: _____ **Temperature(°C):** 19.8

Sample ID	Bottle Count	Bottle Type
Samples Received Above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: DL Date: 11/03/21 Time: 1655

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2021 17:54

SO-TC-226A-110321

21K0067-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/03/2021 13:40

Instrument: ICP2 Analyst: MVP — Analyzed: 11/08/2021 17:07

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0067-01 A 02

Preparation Batch: BJK0157 — Sample Size: 25 mL (wet)

Prepared: 11/05/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0470	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.240	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2021 17:54

SO-TC-226A-110321

21K0067-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/03/2021 13:40

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 11/09/2021 11:40

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21K0067-01 A

Preparation Batch: BJK0204 — Sample Size: 20.0798 g (wet)

Prepared: 11/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.97	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2021 17:54

SO-TC-226B-110321

21K0067-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/03/2021 13:50

Instrument: ICP2 Analyst: MVP — Analyzed: 11/08/2021 17:15

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0067-02 A 02

Preparation Batch: BJK0157 — Sample Size: 25 mL (wet)

Prepared: 11/05/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.160	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.456	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2021 17:54

SO-TC-226B-110321

21K0067-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/03/2021 13:50

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 11/09/2021 11:40

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21K0067-02 A

Preparation Batch: BJK0204 — Sample Size: 20.0062 g (wet)

Prepared: 11/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.00	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2021 17:54

SO-TC-226C-110321

21K0067-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/03/2021 14:00

Instrument: ICP2 Analyst: MVP — Analyzed: 11/08/2021 17:18

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0067-03 A 02

Preparation Batch: BJK0157 — Sample Size: 25 mL (wet)

Prepared: 11/05/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0206	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2021 17:54

SO-TC-226C-110321

21K0067-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/03/2021 14:00

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 11/09/2021 11:40

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21K0067-03 A

Preparation Batch: BJK0204 — Sample Size: 20.7124 g (wet)

Prepared: 11/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	6.53	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2021 17:54

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BJK0157 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MVP

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJK0157-BLK1)				Prepared: 05-Nov-2021 Analyzed: 08-Nov-2021 16:51							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BJK0157-DUP1)		**Source: 21K0067-01**		Prepared: 05-Nov-2021 Analyzed: 08-Nov-2021 17:04							
Arsenic	ND	0.0140	0.250	mg/L		0.0470					U
Lead	0.241	0.0065	0.100	mg/L		0.240			0.48	20	
Matrix Spike (BJK0157-MS1)		**Source: 21K0067-01**		Prepared: 05-Nov-2021 Analyzed: 08-Nov-2021 17:10							
Arsenic	4.31	0.0140	0.250	mg/L	4.00	0.0470	107	75-125			
Lead	4.26	0.0065	0.100	mg/L	4.00	0.240	100	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2021 17:54

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BJK0204 - EPA 9045D

Instrument: Accumet AB150 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJK0204-BS1)				Prepared: 09-Nov-2021 Analyzed: 09-Nov-2021 11:40							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BJK0204-DUP1)		**Source: 21K0067-01**		Prepared: 09-Nov-2021 Analyzed: 09-Nov-2021 11:40							
pH	9.02	0.01	0.01	pH Units		8.97			0.56	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2021 17:54

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Nov-2021 17:54

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

15 November 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21K0137	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2021.11.15 14:14:46 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21K0137	Turn-around Requested: 3 DAY	Date: 11/8/2021	
ARI Client Company: PERC	Phone: 4253480921	Page: 1 of 1	
Client Contact: Kenny King		No. of Coolers: N	Cooler Temps: 2.4.4
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-227A-110821	11/08/21	10:50	SOIL	1	✔	✔	
SO-TC-227B-110821	11/08/21	11:00	SOIL	1	✔	✔	
SO-TC-227C-110821	11/08/21	11:10	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Arden Paist	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/8/21 15:41	Date & Time: 11/8/21 1541	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Nov-2021 14:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-227A-110821	21K0137-01	Solid	08-Nov-2021 10:50	08-Nov-2021 15:41
SO-TC-227B-110821	21K0137-02	Solid	08-Nov-2021 11:00	08-Nov-2021 15:41
SO-TC-227C-110821	21K0137-03	Solid	08-Nov-2021 11:10	08-Nov-2021 15:41

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Nov-2021 14:12

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21K0137

Sample receipt

Samples as listed on the preceding page were received 08-Nov-2021 15:41 under ARI work order 21K0137. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 21K0137 Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 24.4

Time 1541

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00256S

Cooler Accepted by: AP Date: 11/08/21 Time: 1541

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:

Was sufficient ice used (if appropriate)? NA YES (NO)

How were bottles sealed in plastic bags? Individually (Grouped) Not

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) (NA) YES NO UB 11/8/21

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA)

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: UB Date: 11/8/21 Time: 16:19 Labels checked by:

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 21K0137

Cooler#: _____ **Temperature(°C):** 24.4

Sample ID	Bottle Count	Bottle Type
Samples received		
above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: AP Date: 11/08/21 Time: 1541

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Nov-2021 14:12

SO-TC-227A-110821

21K0137-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/08/2021 10:50

Instrument: ICP2 Analyst: MVP — Analyzed: 11/12/2021 12:03

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0137-01 A 01

Preparation Batch: BJK0280 — Sample Size: 25 mL (wet)

Prepared: 11/11/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.101	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Nov-2021 14:12

SO-TC-227A-110821

21K0137-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/08/2021 10:50

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 11/09/2021 11:40

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21K0137-01 A

Preparation Batch: BJK0204 — Sample Size: 20.3943 g (wet)

Prepared: 11/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.75	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Nov-2021 14:12

SO-TC-227B-110821

21K0137-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/08/2021 11:00

Instrument: ICP2 Analyst: MVP — Analyzed: 11/12/2021 12:06

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0137-02 A 01

Preparation Batch: BJK0280 — Sample Size: 25 mL (wet)

Prepared: 11/11/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.201	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Nov-2021 14:12

SO-TC-227B-110821

21K0137-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/08/2021 11:00

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 11/09/2021 11:40

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21K0137-02 A

Preparation Batch: BJK0204 — Sample Size: 20.0573 g (wet)

Prepared: 11/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.75	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Nov-2021 14:12

SO-TC-227C-110821

21K0137-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/08/2021 11:10

Instrument: ICP2 Analyst: MVP — Analyzed: 11/12/2021 12:09

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0137-03 A 01

Preparation Batch: BJK0280 — Sample Size: 25 mL (wet)

Prepared: 11/11/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.100	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Nov-2021 14:12

SO-TC-227C-110821

21K0137-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/08/2021 11:10

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 11/09/2021 11:40

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21K0137-03 A

Preparation Batch: BJK0204 — Sample Size: 20.0585 g (wet)

Prepared: 11/09/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.00	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Nov-2021 14:12

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BJK0280 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MVP

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJK0280-BLK1)				Prepared: 11-Nov-2021 Analyzed: 12-Nov-2021 11:53							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0162	0.0065	0.100	mg/L							J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Nov-2021 14:12

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BJK0204 - EPA 9045D

Instrument: Accumet AB150 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJK0204-BS1)				Prepared: 09-Nov-2021 Analyzed: 09-Nov-2021 11:40							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Nov-2021 14:12

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-Nov-2021 14:12

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

17 November 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21K0190	N/A

Shelly Fishel Digitally signed by Shelly Fishel
Date: 2021.11.17 14:37:17 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Shelly Fishel, Project Manager

Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21K0190	Turn-around Requested: 3 DAY	Date: 11/10/2021	
ARI Client Company: PERC	Phone: 4253480921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 20.9
Client Project Name: Superion Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-228A-111021	11/10/21	10:40	SOIL	1	✔	✔	
SO-TC-228B-111021	11/10/21	10:50	SOIL	1	✔	✔	
SO-TC-228C-111021	11/10/21	11:00	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by (Signature)	Received by (Signature)	Relinquished by (Signature)	Received by (Signature)
	Printed Name: Jeff King	Printed Name: Raven Barbera	Printed Name	Printed Name
	Company: PERC	Company: ARI	Company	Company
	Date & Time: 11/10/21 3:48	Date & Time: 11/10/21 1548	Date & Time	Date & Time

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Nov-2021 14:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-228A-111021	21K0190-01	Solid	10-Nov-2021 10:40	10-Nov-2021 15:48
SO-TC-228B-111021	21K0190-02	Solid	10-Nov-2021 10:50	10-Nov-2021 15:48
SO-TC-228C-111021	21K0190-03	Solid	10-Nov-2021 11:00	10-Nov-2021 15:48

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Nov-2021 14:31

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21K0190

Sample receipt

Samples as listed on the preceding page were received 10-Nov-2021 15:48 under ARI work order 21K0190. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): _____ (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 21K0190 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1548 20.9

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: ~~DOO~~ J009708

Cooler Accepted by: RB Date: 11/10/21 Time: 1548

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: JSm Date: 11/10/2021 Time: 1633 Labels checked by: JSm

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 21K0190

Cooler#: _____ Temperature(°C): 20.9°C

Sample ID	Bottle Count	Bottle Type
samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 11/10/21 Time: 1548

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Nov-2021 14:31

SO-TC-228A-111021

21K0190-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/10/2021 10:40

Instrument: ICP2 Analyst: MVP — Analyzed: 11/15/2021 16:28

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0190-01 A 02

Preparation Batch: BJK0323 — Sample Size: 25 mL (wet)

Prepared: 11/12/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.379	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Nov-2021 14:31

SO-TC-228A-111021

21K0190-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/10/2021 10:40

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 11/15/2021 10:30

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21K0190-01 A

Preparation Batch: BJK0358 — Sample Size: 20.18 g (wet)

Prepared: 11/15/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.78	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Nov-2021 14:31

SO-TC-228B-111021

21K0190-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/10/2021 10:50

Instrument: ICP2 Analyst: MVP — Analyzed: 11/15/2021 16:36

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0190-02 A 02

Preparation Batch: BJK0323 — Sample Size: 25 mL (wet)

Prepared: 11/12/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0201	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.401	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Nov-2021 14:31

SO-TC-228B-111021

21K0190-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/10/2021 10:50

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 11/15/2021 10:30

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21K0190-02 A

Preparation Batch: BJK0358 — Sample Size: 20.331 g (wet)

Prepared: 11/15/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.86	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Nov-2021 14:31

SO-TC-228C-111021

21K0190-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/10/2021 11:00

Instrument: ICP2 Analyst: MVP — Analyzed: 11/15/2021 16:39

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0190-03 A 02

Preparation Batch: BJK0323 — Sample Size: 25 mL (wet)

Prepared: 11/12/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.233	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Nov-2021 14:31

SO-TC-228C-111021

21K0190-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/10/2021 11:00

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 11/15/2021 10:30

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21K0190-03 A

Preparation Batch: BJK0358 — Sample Size: 20.3906 g (wet)

Prepared: 11/15/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.84	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Nov-2021 14:31

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BJK0323 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MVP

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJK0323-BLK1)				Prepared: 12-Nov-2021 Analyzed: 15-Nov-2021 16:07							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0094	0.0065	0.100	mg/L							J
Duplicate (BJK0323-DUP1)		**Source: 21K0190-01**		Prepared: 12-Nov-2021 Analyzed: 15-Nov-2021 16:25							
Arsenic	ND	0.0140	0.250	mg/L		ND					U
Lead	0.356	0.0065	0.100	mg/L		0.379			6.18	20	
Matrix Spike (BJK0323-MS1)		**Source: 21K0190-01**		Prepared: 12-Nov-2021 Analyzed: 15-Nov-2021 16:31							
Arsenic	4.45	0.0140	0.250	mg/L	4.00	ND	111	75-125			
Lead	4.73	0.0065	0.100	mg/L	4.00	0.379	109	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Nov-2021 14:31

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BJK0358 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJK0358-BS1)				Prepared: 15-Nov-2021 Analyzed: 15-Nov-2021 10:30							
pH	7.01	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BJK0358-DUP1)		**Source: 21K0190-01**		Prepared: 15-Nov-2021 Analyzed: 15-Nov-2021 10:30							
pH	8.82	0.01	0.01	pH Units		8.78			0.46	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Nov-2021 14:31

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Nov-2021 14:31

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

19 November 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21K0266	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2021.11.19 14:49:15 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21K0266	Turn-around Requested: 3 DAY	Date: 11/15/2021	
ARI Client Company: PERC	Phone: 4253480921	Page: 1 of 1	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 23.8
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-229A-111521	11/15/21	10:35	SOIL	1	✔	✔	
SO-TC-229B-111521	11/15/21	10:45	SOIL	1	✔	✔	
SO-TC-229C-111521	11/15/21	10:55	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time
-	Kenny King	Kenny King	PERC	11/15/2021 16:41	A Paist	Arden Paist	ARI	11/15/21 1641
	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time
			-				-	

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2021 14:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-229A-111521	21K0266-01	Solid	15-Nov-2021 10:35	15-Nov-2021 16:41
SO-TC-229B-111521	21K0266-02	Solid	15-Nov-2021 10:45	15-Nov-2021 16:41
SO-TC-229C-111521	21K0266-03	Solid	15-Nov-2021 10:55	15-Nov-2021 16:41

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2021 14:47

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21K0266

Sample receipt

Samples as listed on the preceding page were received 15-Nov-2021 16:41 under ARI work order 21K0266. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The duplicate (DUP) relative percent difference (RPD) and the matrix spike (MS) percent recoveries were within control limits.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 21K0266

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1641 238

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 2505

Cooler Accepted by: AP Date: 11/15/21 Time: 1641

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:

Was sufficient ice used (if appropriate)? NA YES NO

How were bottles sealed in plastic bags? Individually Grouped Not

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI NA

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: AP Date: 11/15/21 Time: 1648 Labels checked by:

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 21K0266

Cooler#: _____ Temperature(°C): 23.8

Sample ID	Bottle Count	Bottle Type
Samples received		
above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: AP Date: 11/15/21 Time: 16:41

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2021 14:47

SO-TC-229A-111521

21K0266-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/15/2021 10:35

Instrument: ICP2 Analyst: MVP — Analyzed: 11/17/2021 18:08

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0266-01 A 02

Preparation Batch: BJK0444 — Sample Size: 25 mL (wet)

Prepared: 11/17/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0519	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2021 14:47

SO-TC-229A-111521

21K0266-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/15/2021 10:35

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 11/18/2021 12:50

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21K0266-01 A

Preparation Batch: BJK0472 — Sample Size: 20.0545 g (wet)

Prepared: 11/18/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.23	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2021 14:47

SO-TC-229B-111521

21K0266-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/15/2021 10:45

Instrument: ICP2 Analyst: MVP — Analyzed: 11/17/2021 18:15

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0266-02 A 02

Preparation Batch: BJK0444 — Sample Size: 25 mL (wet)

Prepared: 11/17/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0166	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2021 14:47

SO-TC-229B-111521

21K0266-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/15/2021 10:45

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 11/18/2021 12:50

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21K0266-02 A

Preparation Batch: BJK0472 — Sample Size: 20.206 g (wet)

Prepared: 11/18/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.23	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2021 14:47

SO-TC-229C-111521

21K0266-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/15/2021 10:55

Instrument: ICP2 Analyst: MVP — Analyzed: 11/17/2021 18:18

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0266-03 A 02

Preparation Batch: BJK0444 — Sample Size: 25 mL (wet)

Prepared: 11/17/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0749	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2021 14:47

SO-TC-229C-111521

21K0266-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/15/2021 10:55

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 11/18/2021 12:50

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21K0266-03 A

Preparation Batch: BJK0472 — Sample Size: 20.337 g (wet)

Prepared: 11/18/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.04	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2021 14:47

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BJK0444 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MVP

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJK0444-BLK1)				Prepared: 17-Nov-2021 Analyzed: 17-Nov-2021 17:51							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BJK0444-DUP1)		**Source: 21K0266-01**		Prepared: 17-Nov-2021 Analyzed: 17-Nov-2021 18:05							
Arsenic	ND	0.0140	0.250	mg/L		ND					U
Lead	0.0419	0.0065	0.100	mg/L		0.0519			21.20	20	L, J
Matrix Spike (BJK0444-MS1)		**Source: 21K0266-01**		Prepared: 17-Nov-2021 Analyzed: 17-Nov-2021 18:10							
Arsenic	4.32	0.0140	0.250	mg/L	4.00	ND	108	75-125			
Lead	4.05	0.0065	0.100	mg/L	4.00	0.0519	99.9	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2021 14:47

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BJK0472 - EPA 9045D

Instrument: Accumet AB150 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJK0472-BS1)				Prepared: 18-Nov-2021 Analyzed: 18-Nov-2021 12:50							
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BJK0472-DUP1)		**Source: 21K0266-01**		Prepared: 18-Nov-2021 Analyzed: 18-Nov-2021 12:50							
pH	9.30	0.01	0.01	pH Units		9.23			0.76	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2021 14:47

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Nov-2021 14:47

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

23 November 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21K0280	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2021.11.23 17:19:47 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21K0280	Turn-around Requested: 3 DAY	Date: 11/16/2021	
ARI Client Company: PERC	Phone: 4253480921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps: 14.9
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-230A-111621	11/16/21	14:15	SOIL	1	✔	✔							
SO-TC-230B-111621	11/16/21	14:25	SOIL	1	✔	✔							
SO-TC-230C-111621	11/16/21	14:35	SOIL	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Dmitri Cornilov	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/16/2021 16:41	Date & Time: 11/16/21 1641	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Nov-2021 17:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-230A-111621	21K0280-01	Solid	16-Nov-2021 14:15	16-Nov-2021 16:41
SO-TC-230B-111621	21K0280-02	Solid	16-Nov-2021 14:25	16-Nov-2021 16:41
SO-TC-230C-111621	21K0280-03	Solid	16-Nov-2021 14:35	16-Nov-2021 16:41

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Nov-2021 17:17

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21K0280

Sample receipt

Samples as listed on the preceding page were received 16-Nov-2021 16:41 under ARI work order 21K0280. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 21K0280

Tracking No. NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 4.9

Time: 1641

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: D002565

Cooler Accepted by: DL Date: 11/16/21 Time: 1641

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:

Was sufficient ice used (if appropriate)? NA YES NO

How were bottles sealed in plastic bags? Individually (Grouped) Not

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA)

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: AP Date: 11/17/21 Time: 0830 Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 21K0280

Cooler#: Temperature(°C): 14.9

Sample ID	Bottle Count	Bottle Type
Samples Received Above 6°C		

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: RL Date: 11/16/21 Time: 1641

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Nov-2021 17:17

SO-TC-230A-111621

21K0280-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/16/2021 14:15

Instrument: ICP2 Analyst: MVP — Analyzed: 11/19/2021 16:28

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0280-01 A 01

Preparation Batch: BJK0478 — Sample Size: 25 mL (wet)

Prepared: 11/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.297	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Nov-2021 17:17

SO-TC-230A-111621

21K0280-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/16/2021 14:15

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 11/18/2021 12:50

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21K0280-01 A

Preparation Batch: BJK0472 — Sample Size: 20.1691 g (wet)

Prepared: 11/18/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.12	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Nov-2021 17:17

SO-TC-230B-111621

21K0280-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/16/2021 14:25

Instrument: ICP2 Analyst: MVP — Analyzed: 11/19/2021 16:31

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0280-02 A 01

Preparation Batch: BJK0478 — Sample Size: 25 mL (wet)

Prepared: 11/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.453	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Nov-2021 17:17

SO-TC-230B-111621

21K0280-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/16/2021 14:25

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 11/18/2021 12:50

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21K0280-02 A

Preparation Batch: BJK0472 — Sample Size: 20.2574 g (wet)

Prepared: 11/18/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.08	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Nov-2021 17:17

SO-TC-230C-111621

21K0280-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/16/2021 14:35

Instrument: ICP2 Analyst: MVP — Analyzed: 11/19/2021 16:34

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0280-03 A 01

Preparation Batch: BJK0478 — Sample Size: 25 mL (wet)

Prepared: 11/18/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.214	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Nov-2021 17:17

SO-TC-230C-111621

21K0280-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/16/2021 14:35

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 11/18/2021 12:50

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21K0280-03 A

Preparation Batch: BJK0472 — Sample Size: 20.1519 g (wet)

Prepared: 11/18/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.81	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Nov-2021 17:17

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BJK0478 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MVP

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJK0478-BLK1)					Prepared: 18-Nov-2021 Analyzed: 19-Nov-2021 16:12						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Nov-2021 17:17

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BJK0472 - EPA 9045D

Instrument: Accumet AB150 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJK0472-BS1)	Prepared: 18-Nov-2021 Analyzed: 18-Nov-2021 12:50										
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Nov-2021 17:17

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-Nov-2021 17:17

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

24 November 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21K0316	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2021.11.24 16:44:14 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

21K0316

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21K0316 (KB 11/18/21)	Turn-around Requested: 3 Day	Date: 11/18/2021	
ARI Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-231A-111821	11/18/21	10:30	Soil	1	✔	✔	
SO-TC-231B-111821	11/18/21	10:45	Soil	1	✔	✔	
SO-TC-231C-111821	11/18/21	11:00	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Kapelle Beasley	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/18/21 11:47	Date & Time: 11/18/21 11:47	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Nov-2021 16:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-231A-111821	21K0316-01	Solid	18-Nov-2021 10:30	18-Nov-2021 11:47
SO-TC-231B-111821	21K0316-02	Solid	18-Nov-2021 10:45	18-Nov-2021 11:47
SO-TC-231C-111821	21K0316-03	Solid	18-Nov-2021 11:00	18-Nov-2021 11:47

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Nov-2021 16:43

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21K0316

Sample receipt

Samples as listed on the preceding page were received 18-Nov-2021 11:47 under ARI work order 21K0316. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): RM 11/18/21 NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: ~~217~~ 21K0316

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 14.4

Time 11:47

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: DOO 9708

Cooler Accepted by: Date: 11/18/21 Time: 11:47

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		None	NB 11/18/21
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: RM Date: 11/18/21 Time: 1219 Labels checked by:

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 21K0316

Cooler#: _____ Temperature(°C): 19.4

Sample ID	Bottle Count	Bottle Type
Samples recieved above 6°c		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 11/18/21 Time: 11:47

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Nov-2021 16:43

SO-TC-231A-111821

21K0316-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/18/2021 10:30

Instrument: ICP2 Analyst: MVP — Analyzed: 11/23/2021 17:11

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0316-01 A 02

Preparation Batch: BJK0610 — Sample Size: 25 mL (wet)

Prepared: 11/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.240	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Nov-2021 16:43

SO-TC-231A-111821

21K0316-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/18/2021 10:30

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 11/22/2021 11:20

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21K0316-01 A

Preparation Batch: BJK0562 — Sample Size: 20.0751 g (wet)

Prepared: 11/22/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.09	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Nov-2021 16:43

SO-TC-231B-111821

21K0316-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/18/2021 10:45

Instrument: ICP2 Analyst: MVP — Analyzed: 11/23/2021 17:19

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0316-02 A 02

Preparation Batch: BJK0610 — Sample Size: 25 mL (wet)

Prepared: 11/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.362	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Nov-2021 16:43

SO-TC-231B-111821

21K0316-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/18/2021 10:45

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 11/22/2021 11:20

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21K0316-02 A

Preparation Batch: BJK0562 — Sample Size: 20.5144 g (wet)

Prepared: 11/22/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.54	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Nov-2021 16:43

SO-TC-231C-111821

21K0316-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/18/2021 11:00

Instrument: ICP2 Analyst: MVP — Analyzed: 11/23/2021 17:34

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0316-03 A 02

Preparation Batch: BJK0610 — Sample Size: 25 mL (wet)

Prepared: 11/23/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.152	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Nov-2021 16:43

SO-TC-231C-111821

21K0316-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/18/2021 11:00

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 11/22/2021 11:20

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21K0316-03 A

Preparation Batch: BJK0562 — Sample Size: 20.1626 g (wet)

Prepared: 11/22/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.45	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Nov-2021 16:43

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BJK0610 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MVP

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJK0610-BLK1)				Prepared: 23-Nov-2021 Analyzed: 23-Nov-2021 16:51							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BJK0610-DUP1)		**Source: 21K0316-01**		Prepared: 23-Nov-2021 Analyzed: 23-Nov-2021 17:09							
Arsenic	0.0144	0.0140	0.250	mg/L		ND					J
Lead	0.244	0.0065	0.100	mg/L		0.240			1.61	20	
Matrix Spike (BJK0610-MS1)		**Source: 21K0316-01**		Prepared: 23-Nov-2021 Analyzed: 23-Nov-2021 17:14							
Arsenic	4.37	0.0140	0.250	mg/L	4.00	ND	109	75-125			
Lead	4.32	0.0065	0.100	mg/L	4.00	0.240	102	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Nov-2021 16:43

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BJK0562 - EPA 9045D

Instrument: Accumet AB150 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJK0562-BS1)				Prepared: 22-Nov-2021 Analyzed: 22-Nov-2021 11:20							
pH	7.01	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BJK0562-DUP1)		**Source: 21K0316-01**		Prepared: 22-Nov-2021 Analyzed: 22-Nov-2021 11:20							
pH	9.08	0.01	0.01	pH Units		9.09			0.11	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Nov-2021 16:43

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	24-Nov-2021 16:43

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

02 December 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21K0405	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2021.12.02 17:14:15 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21K0405	Turn-around Requested: 3 DAY	Date: 11/24/2021	
ARI Client Company: PERC	Phone: 4253480921	Page: of	
Client Contact: Kenny King		No. of Coolers: —	Cooler Temps: 15.4
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-232A-112421	11/24/21	10:40	SOIL	1	✔	✔	
SO-TC-232B-112421	11/24/21	10:50	SOIL	1	✔	✔	
SO-TC-232C-112421	11/24/21	11:00	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Jeff King	Printed Name: Raven Barberg	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/24/2021 1238	Date & Time: 11/24/21 1238	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Dec-2021 17:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-232A-112421	21K0405-01	Solid	24-Nov-2021 10:40	24-Nov-2021 12:38
SO-TC-232B-112421	21K0405-02	Solid	24-Nov-2021 10:50	24-Nov-2021 12:38
SO-TC-232C-112421	21K0405-03	Solid	24-Nov-2021 11:00	24-Nov-2021 12:38

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Dec-2021 17:12

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21K0405

Sample receipt

Samples as listed on the preceding page were received 24-Nov-2021 12:38 under ARI work order 21K0405. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 21K0405 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1238 15.4

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: DQO 3009708

Cooler Accepted by: RD Date: 11/24/21 Time: 1238

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: AP Date: 11/24/21 Time: 1249 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: _____ Date: _____

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 21K0405

Cooler#: _____ **Temperature(°C):** 15.4

Sample ID	Bottle Count	Bottle Type
Samples received		
above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: AP for RB Date: 11/24/21 Time: 12 35

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Dec-2021 17:12

SO-TC-232A-112421

21K0405-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/24/2021 10:40

Instrument: ICP2 Analyst: MVP — Analyzed: 12/01/2021 13:46

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0405-01 A 02

Preparation Batch: BJK0724 — Sample Size: 25 mL (wet)

Prepared: 11/30/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.322	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Dec-2021 17:12

SO-TC-232A-112421

21K0405-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/24/2021 10:40

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 11/26/2021 10:45

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21K0405-01 A

Preparation Batch: BJK0681 — Sample Size: 20.0507 g (wet)

Prepared: 11/26/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.07	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Dec-2021 17:12

SO-TC-232B-112421

21K0405-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/24/2021 10:50

Instrument: ICP2 Analyst: MVP — Analyzed: 12/01/2021 13:53

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0405-02 A 02

Preparation Batch: BJK0724 — Sample Size: 25 mL (wet)

Prepared: 11/30/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.923	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Dec-2021 17:12

SO-TC-232B-112421

21K0405-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/24/2021 10:50

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 11/26/2021 10:45

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21K0405-02 A

Preparation Batch: BJK0681 — Sample Size: 20.3098 g (wet)

Prepared: 11/26/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.05	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Dec-2021 17:12

SO-TC-232C-112421

21K0405-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/24/2021 11:00

Instrument: ICP2 Analyst: MVP — Analyzed: 12/01/2021 13:56

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0405-03 A 02

Preparation Batch: BJK0724 — Sample Size: 25 mL (wet)

Prepared: 11/30/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.166	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Dec-2021 17:12

SO-TC-232C-112421

21K0405-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/24/2021 11:00

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 11/26/2021 10:45

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 21K0405-03 A

Preparation Batch: BJK0681 — Sample Size: 20.5642 g (wet)

Prepared: 11/26/2021 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.99	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Dec-2021 17:12

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BJK0724 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MVP

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJK0724-BLK1)				Prepared: 30-Nov-2021 Analyzed: 01-Dec-2021 13:34							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0113	0.0065	0.100	mg/L							J
Duplicate (BJK0724-DUP1)		**Source: 21K0405-01**		Prepared: 30-Nov-2021 Analyzed: 01-Dec-2021 13:43							
Arsenic	ND	0.0140	0.250	mg/L		ND					U
Lead	0.345	0.0065	0.100	mg/L		0.322			6.78	20	
Matrix Spike (BJK0724-MS1)		**Source: 21K0405-01**		Prepared: 30-Nov-2021 Analyzed: 01-Dec-2021 13:49							
Arsenic	4.55	0.0140	0.250	mg/L	4.00	ND	114	75-125			
Lead	4.55	0.0065	0.100	mg/L	4.00	0.322	106	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Dec-2021 17:12

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BJK0681 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJK0681-BS1)				Prepared: 26-Nov-2021 Analyzed: 26-Nov-2021 10:45							
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BJK0681-DUP1)		**Source: 21K0405-01**		Prepared: 26-Nov-2021 Analyzed: 26-Nov-2021 10:45							
pH	9.17	0.01	0.01	pH Units		9.07			1.10	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Dec-2021 17:12

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Dec-2021 17:12

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

06 December 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21K0451	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2021.12.06 14:49:00 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21K0451	Turn-around Requested: 3 DAY	Date: 11/30/2021	
ARI Client Company: PERC	Phone: 4253480921	Page: of	
Client Contact: Kenny King		No. of Coolers: —	Cooler Temps: 17.8
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-233A-113021	11/30/21	15:00	SOIL	1	✔	✔	
SO-TC-233B-113021	11/30/21	15:10	SOIL	1	✔	✔	
SO-TC-233C-113021	11/30/21	15:20	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time
-	Kenny King	Kenny King	PERC	11/30/2021 16:44		Karen Barbera	ARI	11/30/21 1644
	Relinquished by: (Signature)	Printed Name:	Company: -	Date & Time:	Received by: (Signature)	Printed Name:	Company: -	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-233A-113021	21K0451-01	Solid	30-Nov-2021 15:00	30-Nov-2021 16:44
SO-TC-233B-113021	21K0451-02	Solid	30-Nov-2021 15:10	30-Nov-2021 16:44
SO-TC-233C-113021	21K0451-03	Solid	30-Nov-2021 15:20	30-Nov-2021 16:44

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:44

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21K0451

Sample receipt

Samples as listed on the preceding page were received 30-Nov-2021 16:44 under ARI work order 21K0451. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: ____

Assigned ARI Job No: 21K0451 Tracking No: ____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 17.8

Time 1644

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00256S

Cooler Accepted by: RD Date: 11/30/21 Time: 1644

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: ____		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA	____	

Were the sample(s) split by ARI? NA YES Date/Time: ____ Equipment: ____ Split by: ____

Samples Logged by: AP Date: 11/30/21 Time: 1656 Labels checked by: ____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: ____ Date: ____

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 21K0451

Cooler#: _____ **Temperature(°C):** 17.8

Sample ID	Bottle Count	Bottle Type
Samples received		
above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: AP for RB Date: 11/30/21 Time: 1644

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:44

SO-TC-233A-113021

21K0451-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/30/2021 15:00

Instrument: ICP2 Analyst: MVP — Analyzed: 12/03/2021 16:13

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0451-01 A 02

Preparation Batch: BJL0068 — Sample Size: 25 mL (wet)

Prepared: 12/02/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.104	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:44

SO-TC-233A-113021

21K0451-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/30/2021 15:00

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 12/01/2021 11:35

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21K0451-01 A

Preparation Batch: BJL0016 — Sample Size: 20.2033 g (wet)

Prepared: 12/01/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.79	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:44

SO-TC-233B-113021

21K0451-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/30/2021 15:10

Instrument: ICP2 Analyst: MVP — Analyzed: 12/03/2021 16:20

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0451-02 A 02

Preparation Batch: BJL0068 — Sample Size: 25 mL (wet)

Prepared: 12/02/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.119	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:44

SO-TC-233B-113021

21K0451-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/30/2021 15:10

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 12/01/2021 11:35

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21K0451-02 A

Preparation Batch: BJL0016 — Sample Size: 20.2371 g (wet)

Prepared: 12/01/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.06	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:44

SO-TC-233C-113021

21K0451-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/30/2021 15:20

Instrument: ICP2 Analyst: MVP — Analyzed: 12/03/2021 16:23

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21K0451-03 A 02

Preparation Batch: BJL0068 — Sample Size: 25 mL (wet)

Prepared: 12/02/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0667	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:44

SO-TC-233C-113021

21K0451-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/30/2021 15:20

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 12/01/2021 11:35

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21K0451-03 A

Preparation Batch: BJL0016 — Sample Size: 20.2703 g (wet)

Prepared: 12/01/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.96	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:44

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BJL0068 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MVP

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJL0068-BLK1)				Prepared: 02-Dec-2021 Analyzed: 03-Dec-2021 15:59							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BJL0068-DUP1)		**Source: 21K0451-01**		Prepared: 02-Dec-2021 Analyzed: 03-Dec-2021 16:10							
Arsenic	ND	0.0140	0.250	mg/L		ND					U
Lead	0.105	0.0065	0.100	mg/L		0.104			1.22	20	
Matrix Spike (BJL0068-MS1)		**Source: 21K0451-01**		Prepared: 02-Dec-2021 Analyzed: 03-Dec-2021 16:16							
Arsenic	4.31	0.0140	0.250	mg/L	4.00	ND	108	75-125			
Lead	4.24	0.0065	0.100	mg/L	4.00	0.104	103	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:44

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BJL0016 - EPA 9045D

Instrument: Accumet AB150 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJL0016-BS1)				Prepared: 01-Dec-2021 Analyzed: 01-Dec-2021 11:35							
pH	7.01	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BJL0016-DUP1)		**Source: 21K0451-01**		Prepared: 01-Dec-2021 Analyzed: 01-Dec-2021 11:35							
pH	8.76	0.01	0.01	pH Units		8.79			0.34	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:44

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:44

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

06 December 2021

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
21L0018	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2021.12.06 14:55:07 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Shelly Fishel, Project Manager

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 21L0018	Turn-around Requested: 3 DAY	Date: 12/1/2021	
ARI Client Company: PERC	Phone: 4253480921	Page: of	
Client Contact: Kenny King		No. of Coolers: —	Cooler Temps: 20.0
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-234A-120121	12/01/21	11:40	SOIL	1	✔	✔	
SO-TC-234B-120121	12/01/21	11:50	SOIL	1	✔	✔	
SO-TC-234C-120121	12/01/21	12:00	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
	(Signature) Kenny King	(Signature)	(Signature)	(Signature)
	Printed Name: Kenny King	Printed Name: Raven Barbera	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 12/1/2021 16:44	Date & Time: 12/1/21 1644	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-234A-120121	21L0018-01	Solid	01-Dec-2021 11:40	01-Dec-2021 16:44
SO-TC-234B-120121	21L0018-02	Solid	01-Dec-2021 11:50	01-Dec-2021 16:44
SO-TC-234C-120121	21L0018-03	Solid	01-Dec-2021 12:00	01-Dec-2021 16:44

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:53

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 21L0018

Sample receipt

Samples as listed on the preceding page were received 01-Dec-2021 16:44 under ARI work order 21L0018. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 21L0018
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1644 — 20.0

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: D00 2565

Cooler Accepted by: RP Date: 12/1/21 Time: 1644

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: AP Date: 12/02/21 Time: 826 Labels checked by:

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 21L0018

Cooler#: _____ **Temperature(°C):** 20.0°C

Sample ID	Bottle Count	Bottle Type
samples received above	6°C	

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: RP Date: 12/1/21 Time: 1644

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:53

SO-TC-234A-120121

21L0018-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 12/01/2021 11:40

Instrument: ICP2 Analyst: MVP — Analyzed: 12/03/2021 17:09

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21L0018-01 A 02

Preparation Batch: BJL0100 — Sample Size: 25 mL (wet)

Prepared: 12/03/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.114	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:53

SO-TC-234A-120121

21L0018-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 12/01/2021 11:40

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 12/02/2021 11:50

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21L0018-01 A

Preparation Batch: BJL0058 — Sample Size: 20.067 g (wet)

Prepared: 12/02/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.54	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:53

SO-TC-234B-120121

21L0018-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 12/01/2021 11:50

Instrument: ICP2 Analyst: MVP — Analyzed: 12/03/2021 17:17

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21L0018-02 A 02

Preparation Batch: BJL0100 — Sample Size: 25 mL (wet)

Prepared: 12/03/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.105	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:53

SO-TC-234B-120121

21L0018-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 12/01/2021 11:50

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 12/02/2021 11:50

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21L0018-02 A

Preparation Batch: BJL0058 — Sample Size: 20.1366 g (wet)

Prepared: 12/02/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.46	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:53

SO-TC-234C-120121

21L0018-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 12/01/2021 12:00

Instrument: ICP2 Analyst: MVP — Analyzed: 12/03/2021 17:19

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 21L0018-03 A 02

Preparation Batch: BJL0100 — Sample Size: 25 mL (wet)

Prepared: 12/03/2021 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0681	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:53

SO-TC-234C-120121

21L0018-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 12/01/2021 12:00

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 12/02/2021 11:50

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 21L0018-03 A

Preparation Batch: BJL0058 — Sample Size: 20.2964 g (wet)

Prepared: 12/02/2021 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.85	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:53

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BJL0100 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MVP

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BJL0100-BLK1)				Prepared: 03-Dec-2021 Analyzed: 03-Dec-2021 16:55							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BJL0100-DUP1)		**Source: 21L0018-01**		Prepared: 03-Dec-2021 Analyzed: 03-Dec-2021 17:06							
Arsenic	ND	0.0140	0.250	mg/L		ND					U
Lead	0.102	0.0065	0.100	mg/L		0.114			11.50	20	
Matrix Spike (BJL0100-MS1)		**Source: 21L0018-01**		Prepared: 03-Dec-2021 Analyzed: 03-Dec-2021 17:12							
Arsenic	4.05	0.0140	0.250	mg/L	4.00	ND	101	75-125			
Lead	4.01	0.0065	0.100	mg/L	4.00	0.114	97.4	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:53

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BJL0058 - EPA 9045D

Instrument: Accumet AB150 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BJL0058-BS1)				Prepared: 02-Dec-2021 Analyzed: 02-Dec-2021 11:50							
pH	7.01	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BJL0058-DUP1)		**Source: 21L0018-01**		Prepared: 02-Dec-2021 Analyzed: 02-Dec-2021 11:50							
pH	8.55	0.01	0.01	pH Units		8.54			0.12	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:53

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2022
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Dec-2021 14:53

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

14 March 2022

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
22C0132	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2022.03.14 16:54:29 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

ARI Assigned Number: 22C0132	Turn-around Requested: 3 DAY	Date: 3/8/22	
ARI Client Company: PERC	Phone: 4253480921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps: 16.2
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-235A-030822	03/08/22	15:15	SOIL	1	✔	✔	
SO-TC-235B-030822	03/08/22	15:20	SOIL	1	✔	✔	
SO-TC-235C-030822	03/08/22	15:25	SOIL	1	✔	✔	

Comments/Special Instructions

	Relinquished by:	Received by:	Relinquished by:	Received by:
(Signature)	Kenny King	D. Lom		
Printed Name:	Kenny King	Dimitri Lomidze		
Company:	PERC	ARI		
Date & Time:	3/8/22 16:45	3/8/22 1645		

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Mar-2022 16:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-235A-030822	22C0132-01	Solid	08-Mar-2022 15:15	08-Mar-2022 16:45
SO-TC-235B-030822	22C0132-02	Solid	08-Mar-2022 15:20	08-Mar-2022 16:45
SO-TC-235C-030822	22C0132-03	Solid	08-Mar-2022 15:25	08-Mar-2022 16:45

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Mar-2022 16:41

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 22C0132

Sample receipt

Samples as listed on the preceding page were received 08-Mar-2022 16:45 under ARI work order 22C0132. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): ~~NA~~ Delivered by: Fed-Ex UPS Courier Hand Delivered Other: ____

Assigned ARI Job No: 22C0132 Tracking No: ____ ~~NA~~

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1645 1.6.2 ____ ____ ____ ____ ____

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 256

Cooler Accepted by: DC Date: 3/8/22 Time: 1645

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?			(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: ____			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		____

Were the sample(s) split by ARI? (NA) YES Date/Time: ____ Equipment: ____ Split by: ____

Samples Logged by: AH Date: 3/09/22 Time: 1035 Labels checked by: ____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: ____ Date: ____

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 22C0132

Cooler#: _____ **Temperature(°C):** 16.2

Sample ID	Bottle Count	Bottle Type
Samples Received	AGs	6°C

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: VL Date: 3/8/22 Time: 1645

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Mar-2022 16:41

SO-TC-235A-030822

22C0132-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/08/2022 15:15

Instrument: ICP2 Analyst: MVP — Analyzed: 03/11/2022 17:26

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22C0132-01 A 01

Preparation Batch: BKC0245 — Sample Size: 25 mL (wet)

Prepared: 03/10/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.329	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Mar-2022 16:41

SO-TC-235A-030822

22C0132-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/08/2022 15:15

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 03/11/2022 10:00

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22C0132-01 A

Preparation Batch: BKC0263 — Sample Size: 20.814 g (wet)

Prepared: 03/11/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.05	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Mar-2022 16:41

SO-TC-235B-030822

22C0132-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/08/2022 15:20

Instrument: ICP2 Analyst: MVP — Analyzed: 03/11/2022 17:29

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22C0132-02 A 01

Preparation Batch: BKC0245 — Sample Size: 25 mL (wet)

Prepared: 03/10/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0335	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.565	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Mar-2022 16:41

SO-TC-235B-030822

22C0132-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/08/2022 15:20

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 03/11/2022 10:00

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22C0132-02 A

Preparation Batch: BKC0263 — Sample Size: 20.0384 g (wet)

Prepared: 03/11/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.88	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Mar-2022 16:41

SO-TC-235C-030822

22C0132-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/08/2022 15:25

Instrument: ICP2 Analyst: MVP — Analyzed: 03/11/2022 17:32

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22C0132-03 A 01

Preparation Batch: BKC0245 — Sample Size: 25 mL (wet)

Prepared: 03/10/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0488	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.407	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Mar-2022 16:41

SO-TC-235C-030822

22C0132-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/08/2022 15:25

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 03/11/2022 10:00

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22C0132-03 A

Preparation Batch: BKC0263 — Sample Size: 20.1342 g (wet)

Prepared: 03/11/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.77	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Mar-2022 16:41

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BKC0245 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MVP

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BKC0245-BLK1)				Prepared: 10-Mar-2022 Analyzed: 11-Mar-2022 16:31							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0135	0.0065	0.100	mg/L							J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Mar-2022 16:41

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BKC0263 - EPA 9045D

Instrument: Accumet AB150 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BKC0263-BS1)				Prepared: 11-Mar-2022 Analyzed: 11-Mar-2022 10:00							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			
Duplicate (BKC0263-DUP1)		**Source: 22C0132-01**		Prepared: 11-Mar-2022 Analyzed: 11-Mar-2022 10:00							
pH	8.85	0.01	0.01	pH Units		9.05			2.23	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Mar-2022 16:41

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Mar-2022 16:41

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

18 March 2022

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
22C0228	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2022.03.18 17:08:13 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 22C0228	Turn-around Requested: 3 DAY	Date: 3/14/22	
ARI Client Company: PERC	Phone: 4253480921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps: 18.5
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-236A-031422	03/14/22	14:10	SOIL	1	✔	✔							
SO-TC-236B-031422	03/14/22	14:20	SOIL	1	✔	✔							
SO-TC-236C-031422	03/14/22	14:30	SOIL	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Dimitriy Lamshchikov	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 3/14/2022 4:32	Date & Time: 3/14/22 1632	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Mar-2022 17:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-236A-031422	22C0228-01	Solid	14-Mar-2022 14:10	14-Mar-2022 16:32
SO-TC-236B-031422	22C0228-02	Solid	14-Mar-2022 14:20	14-Mar-2022 16:32
SO-TC-236C-031422	22C0228-03	Solid	14-Mar-2022 14:30	14-Mar-2022 16:32

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Mar-2022 17:05

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 22C0228

Sample receipt

Samples as listed on the preceding page were received 14-Mar-2022 16:32 under ARI work order 22C0228. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): ~~NA~~ Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 22C0228 Tracking No: ~~NA~~

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	~~NO~~
Were custody papers included with the cooler?	~~YES~~	NO
Were custody papers properly filled out (ink, signed, etc.)	~~YES~~	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1642 1.6

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 2565

Cooler Accepted by: DC Date: 3/14/22 Time: 1632

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	~~NO~~
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs ~~Baggies~~ Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	~~NO~~
How were bottles sealed in plastic bags?	Individually	~~Grouped~~	Not
Did all bottles arrive in good condition (unbroken)?		~~YES~~	NO
Were all bottle labels complete and legible?		~~YES~~	NO
Did the number of containers listed on COC match with the number of containers received?		~~YES~~	NO
Did all bottle labels and tags agree with custody papers?		~~YES~~	NO
Were all bottles used correct for the requested analyses?		~~YES~~	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	~~NA~~	YES	NO
Were all VOC vials free of air bubbles?	~~NA~~	YES	NO
Was sufficient amount of sample sent in each bottle?		~~YES~~	NO
Date VOC Trip Blank was made at ARI	~~NA~~		

Were the sample(s) split by ARI? ~~NA~~ YES Date/Time: Equipment: Split by:

Samples Logged by: JS~ Date: 03/15/22 Time: 0924 Labels checked by: JS~

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 22C0228

Cooler#: _____ **Temperature(°C):** 16.6

Sample ID	Bottle Count	Bottle Type
Samples Received	Above	6°C

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: DL Date: 3/14/22 Time: 1632

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Mar-2022 17:05

SO-TC-236A-031422

22C0228-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/14/2022 14:10

Instrument: ICP2 Analyst: MVP — Analyzed: 03/17/2022 15:20

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22C0228-01 A 01

Preparation Batch: BKC0382 — Sample Size: 25 mL (wet)

Prepared: 03/16/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Mar-2022 17:05

SO-TC-236A-031422

22C0228-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/14/2022 14:10

Instrument: Accumet AB150 Analyst: UW — Analyzed: 03/18/2022 13:00

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 22C0228-01 A 02

Preparation Batch: BKC0448 — Sample Size: 20.03 g (wet)

Prepared: 03/18/2022 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.90	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Mar-2022 17:05

SO-TC-236B-031422

22C0228-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/14/2022 14:20

Instrument: ICP2 Analyst: MVP — Analyzed: 03/17/2022 15:53

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22C0228-02 A 01

Preparation Batch: BKC0382 — Sample Size: 25 mL (wet)

Prepared: 03/16/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0497	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.356	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Mar-2022 17:05

SO-TC-236B-031422

22C0228-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/14/2022 14:20

Instrument: Accumet AB150 Analyst: UW — Analyzed: 03/18/2022 13:00

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 22C0228-02 A 02

Preparation Batch: BKC0448 — Sample Size: 20.15 g (wet)

Prepared: 03/18/2022 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.75	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Mar-2022 17:05

SO-TC-236C-031422

22C0228-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/14/2022 14:30

Instrument: ICP2 Analyst: MVP — Analyzed: 03/17/2022 15:56

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22C0228-03 A 01

Preparation Batch: BKC0382 — Sample Size: 25 mL (wet)

Prepared: 03/16/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0591	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.531	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Mar-2022 17:05

SO-TC-236C-031422

22C0228-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/14/2022 14:30

Instrument: Accumet AB150 Analyst: UW — Analyzed: 03/18/2022 13:00

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 22C0228-03 A 02

Preparation Batch: BKC0448 — Sample Size: 20.08 g (wet)

Prepared: 03/18/2022 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.78	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Mar-2022 17:05

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BKC0382 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MVP

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BKC0382-BLK1)				Prepared: 16-Mar-2022 Analyzed: 17-Mar-2022 14:53							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Mar-2022 17:05

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BKC0448 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BKC0448-BS1)				Prepared: 18-Mar-2022 Analyzed: 18-Mar-2022 13:00							
pH	6.96	0.01	0.01	pH Units	7.00		99.4	99.2-100.8			
Duplicate (BKC0448-DUP1)		**Source: 22C0228-01**		Prepared: 18-Mar-2022 Analyzed: 18-Mar-2022 13:00							
pH	8.87	0.01	0.01	pH Units		8.90			0.34	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Mar-2022 17:05

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Mar-2022 17:05

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

01 April 2022

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
22C0277	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2022.04.01 12:27:52 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 22C0277	Turn-around Requested: 3 DAY	Date: 3/16/22	
ARI Client Company: PERC	Phone: 4253480921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-237A-031622	03/16/22	15:30	SOIL	1	✔	✔	
SO-TC-237B-031622	03/16/22	15:40	SOIL	1	✔	✔	
SO-TC-237C-031622	03/16/22	15:50	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Barbara Beasley	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 3/16/2022 16:44	Date & Time: 3/16/22 16:49	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2022 12:19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-237A-031622	22C0277-01	Solid	16-Mar-2022 15:30	16-Mar-2022 16:44
SO-TC-237B-031622	22C0277-02	Solid	16-Mar-2022 15:40	16-Mar-2022 16:44
SO-TC-237C-031622	22C0277-03	Solid	16-Mar-2022 15:50	16-Mar-2022 16:44

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2022 12:19

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 22C0277

Sample receipt

Samples as listed on the preceding page were received 16-Mar-2022 16:44 under ARI work order 22C0277. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: ~~Kent~~ PERC eb 3/16/22 — Project Name: Superion Plastics

COC No(s): _____ NA — Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 22C0277 — Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 19.0

Time 16:44

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: IR00097708

Cooler Accepted by: eb Date: 3/16/22 Time: 16:44

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: [signature] Date: 03/17/2022 Time: 926 Labels checked by: SLF

82F 3/17/2022

** ***Notify Project Manager of discrepancies or concerns*** **

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 22C0277

Cooler#: _____ **Temperature(°C):** 19.0

Sample ID	Bottle Count	Bottle Type
samples recieved above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: CB Date: 3/16/22 Time: 16:44

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2022 12:19

SO-TC-237A-031622

22C0277-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/16/2022 15:30

Instrument: ICP2 Analyst: MVP — Analyzed: 03/30/2022 18:15

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22C0277-01 A 02

Preparation Batch: BKC0773 — Sample Size: 25 mL (wet)

Prepared: 03/30/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0304	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0248	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2022 12:19

SO-TC-237A-031622

22C0277-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/16/2022 15:30

Instrument: Accumet AB150 Analyst: CKI — Analyzed: 03/24/2022 14:34

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 22C0277-01 A

Preparation Batch: BKC0611 — Sample Size: 20.87 g (wet)

Prepared: 03/24/2022 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.38	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2022 12:19

SO-TC-237B-031622

22C0277-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/16/2022 15:40

Instrument: ICP2 Analyst: MVP — Analyzed: 03/30/2022 18:18

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22C0277-02 A 02

Preparation Batch: BKC0773 — Sample Size: 25 mL (wet)

Prepared: 03/30/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.166	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	1.50	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2022 12:19

SO-TC-237B-031622

22C0277-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/16/2022 15:40

Instrument: Accumet AB150 Analyst: CKI — Analyzed: 03/24/2022 14:34

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 22C0277-02 A

Preparation Batch: BKC0611 — Sample Size: 20.29 g (wet)

Prepared: 03/24/2022 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.71	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2022 12:19

SO-TC-237C-031622

22C0277-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/16/2022 15:50

Instrument: ICP2 Analyst: MVP — Analyzed: 03/30/2022 18:21

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22C0277-03 A 02

Preparation Batch: BKC0773 — Sample Size: 25 mL (wet)

Prepared: 03/30/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.269	mg/L	
Lead	7439-92-1	5	0.0065	0.100	2.03	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2022 12:19

SO-TC-237C-031622

22C0277-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/16/2022 15:50

Instrument: Accumet AB150 Analyst: CKI — Analyzed: 03/24/2022 14:34

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 22C0277-03 A

Preparation Batch: BKC0611 — Sample Size: 20.07 g (wet)

Prepared: 03/24/2022 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.56	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2022 12:19

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BKC0773 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MVP

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BKC0773-BLK1)				Prepared: 30-Mar-2022 Analyzed: 30-Mar-2022 18:12							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2022 12:19

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BKC0611 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: CKI

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BKC0611-BS1)				Prepared: 24-Mar-2022 Analyzed: 24-Mar-2022 14:34							
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BKC0611-DUP1)		**Source: 22C0277-01**		Prepared: 24-Mar-2022 Analyzed: 24-Mar-2022 14:34							
pH	9.31	0.01	0.01	pH Units		9.38			0.75	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2022 12:19

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Apr-2022 12:19

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

29 March 2022

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
22C0342	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2022.03.29 11:39:19 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 22C0342	Turn-around Requested: 3 DAY	Date: 3/21/22	
ARI Client Company: PERC	Phone: 4253480921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
					Analysis Requested								
SO-TC-238A-032122	03/21/22	14:10	SOIL	1	✔	✔							
SO-TC-238B-032122	03/21/22	14:20	SOIL	1	✔	✔							
SO-TC-238C-032122	03/21/22	14:30	SOIL	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Genevieve Brierley	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 3/21/2022 16:48	Date & Time: 3/21/22 16:49	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:36

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-238A-032122	22C0342-01	Solid	21-Mar-2022 14:10	21-Mar-2022 16:48
SO-TC-238B-032122	22C0342-02	Solid	21-Mar-2022 14:20	21-Mar-2022 16:48
SO-TC-238C-032122	22C0342-03	Solid	21-Mar-2022 14:30	21-Mar-2022 16:48

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:36

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 22C0342

Sample receipt

Samples as listed on the preceding page were received 21-Mar-2022 16:48 under ARI work order 22C0342. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superion Plastics
COC No(s): _____ NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____
Assigned ARI Job No: 22C0342
Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)	18.0	
Time: 1645		
If cooler temperature is out of compliance fill out form 00070F	Temp Gun ID#: IR#9708	

Cooler Accepted by: LB Date: 3/21/22 Time: 16:48

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tag s agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: _____ Date: 03/21/2022 Time: 1806 Labels checked by: SLF

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 22C0342

Cooler#: _____ **Temperature(°C):** 18.0

Sample ID	Bottle Count	Bottle Type
Samples recieved above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 3/21/22 Time: 10:48

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:36

SO-TC-238A-032122

22C0342-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/21/2022 14:10

Instrument: ICP2 Analyst: MVP — Analyzed: 03/24/2022 18:02

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22C0342-01 A 02

Preparation Batch: BKC0597 — Sample Size: 25 mL (wet)

Prepared: 03/24/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0688	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0407	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:36

SO-TC-238A-032122

22C0342-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/21/2022 14:10

Instrument: Accumet AB150 Analyst: CKI — Analyzed: 03/24/2022 14:34

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 22C0342-01 A

Preparation Batch: BKC0611 — Sample Size: 20.68 g (wet)

Prepared: 03/24/2022 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.02	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:36

SO-TC-238B-032122

22C0342-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/21/2022 14:20

Instrument: ICP2 Analyst: MVP — Analyzed: 03/24/2022 18:05

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22C0342-02 A 02

Preparation Batch: BKC0597 — Sample Size: 25 mL (wet)

Prepared: 03/24/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0910	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.111	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:36

SO-TC-238B-032122

22C0342-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/21/2022 14:20

Instrument: Accumet AB150 Analyst: CKI — Analyzed: 03/24/2022 14:34

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 22C0342-02 A

Preparation Batch: BKC0611 — Sample Size: 20.3 g (wet)

Prepared: 03/24/2022 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.91	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:36

SO-TC-238C-032122

22C0342-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/21/2022 14:30

Instrument: ICP2 Analyst: MVP — Analyzed: 03/24/2022 18:07

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22C0342-03 A 02

Preparation Batch: BKC0597 — Sample Size: 25 mL (wet)

Prepared: 03/24/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0632	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0715	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:36

SO-TC-238C-032122

22C0342-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/21/2022 14:30

Instrument: Accumet AB150 Analyst: CKI — Analyzed: 03/24/2022 14:34

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 22C0342-03 A

Preparation Batch: BKC0611 — Sample Size: 20.77 g (wet)

Prepared: 03/24/2022 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.00	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:36

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BKC0597 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MVP

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BKC0597-BLK1)				Prepared: 24-Mar-2022 Analyzed: 24-Mar-2022 17:56							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:36

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BKC0611 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: CKI

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BKC0611-BS1)	Prepared: 24-Mar-2022 Analyzed: 24-Mar-2022 14:34										
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:36

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:36

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

29 March 2022

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
22C0379	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2022.03.29 11:47:29 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 22C0379	Turn-around Requested: 3 DAY	Date: 3/22/22	
ARI Client Company: PERC	Phone: 4253480921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps: 23.6
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-239A-032222	03/22/22	13:10	SOIL	1	✔	✔	
SO-TC-239B-032222	03/22/22	13:20	SOIL	1	✔	✔	
SO-TC-239C-032222	03/22/22	13:30	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Dimitri Lamadrid	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 3/22/2022 16:46	Date & Time: 3/22/22 1646	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:43

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-239A-032222	22C0379-01	Solid	22-Mar-2022 13:10	22-Mar-2022 16:46
SO-TC-239B-032222	22C0379-02	Solid	22-Mar-2022 13:20	22-Mar-2022 16:46
SO-TC-239C-032222	22C0379-03	Solid	22-Mar-2022 13:30	22-Mar-2022 16:46

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:43

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 22C0379

Sample receipt

Samples as listed on the preceding page were received 22-Mar-2022 16:46 under ARI work order 22C0379. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superior Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 22C0379
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)
Time 1646 — 2.3.6

If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: 25655

Cooler Accepted by: DL Date: 3/24/22 Time: 1646

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 09/23/22 Time: 11:39 Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:43

SO-TC-239A-032222

22C0379-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/22/2022 13:10

Instrument: ICP2 Analyst: MVP — Analyzed: 03/25/2022 17:16

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22C0379-01 A 02

Preparation Batch: BKC0642 — Sample Size: 25 mL (wet)

Prepared: 03/25/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0720	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.136	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:43

SO-TC-239A-032222

22C0379-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/22/2022 13:10

Instrument: Accumet AB150 Analyst: CKI — Analyzed: 03/24/2022 14:34

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 22C0379-01 A

Preparation Batch: BKC0611 — Sample Size: 20.09 g (wet)

Prepared: 03/24/2022 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.61	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:43

SO-TC-239B-032222

22C0379-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/22/2022 13:20

Instrument: ICP2 Analyst: MVP — Analyzed: 03/25/2022 17:53

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22C0379-02 A 02

Preparation Batch: BKC0642 — Sample Size: 25 mL (wet)

Prepared: 03/25/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.129	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.421	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:43

SO-TC-239B-032222

22C0379-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/22/2022 13:20

Instrument: Accumet AB150 Analyst: CKI — Analyzed: 03/24/2022 14:34

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 22C0379-02 A

Preparation Batch: BKC0611 — Sample Size: 20.99 g (wet)

Prepared: 03/24/2022 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.61	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:43

SO-TC-239C-032222

22C0379-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/22/2022 13:30

Instrument: ICP2 Analyst: MVP — Analyzed: 03/25/2022 17:56

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22C0379-03 A 02

Preparation Batch: BKC0642 — Sample Size: 25 mL (wet)

Prepared: 03/25/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0977	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.412	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:43

SO-TC-239C-032222

22C0379-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/22/2022 13:30

Instrument: Accumet AB150 Analyst: CKI — Analyzed: 03/24/2022 14:34

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 22C0379-03 A

Preparation Batch: BKC0611 — Sample Size: 20.45 g (wet)

Prepared: 03/24/2022 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.56	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:43

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BKC0642 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MVP

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BKC0642-BLK1)				Prepared: 25-Mar-2022 Analyzed: 25-Mar-2022 17:43							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0078	0.0065	0.100	mg/L							J
Duplicate (BKC0642-DUP1)		**Source: 22C0379-01**		Prepared: 25-Mar-2022 Analyzed: 25-Mar-2022 17:46							
Arsenic	0.0604	0.0140	0.250	mg/L		0.0720			17.50	20	J
Lead	0.128	0.0065	0.100	mg/L		0.136			6.11	20	
Matrix Spike (BKC0642-MS1)		**Source: 22C0379-01**		Prepared: 25-Mar-2022 Analyzed: 25-Mar-2022 17:49							
Arsenic	4.58	0.0140	0.250	mg/L	4.00	0.0720	113	75-125			
Lead	4.33	0.0065	0.100	mg/L	4.00	0.136	105	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:43

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BKC0611 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: CKI

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BKC0611-BS1)				Prepared: 24-Mar-2022 Analyzed: 24-Mar-2022 14:34							
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:43

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Mar-2022 11:43

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

04 April 2022

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
22C0481	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2022.04.04 14:37:59 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Analytical Resources, LLC
Analytical Chemists and Consultants

06 April 2022

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
22C0542	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2022.04.06 12:04:07 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

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Analytical Resources, LLC

Shelly Fishel, Project Manager

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nelac
Cert# 100006-012

4611 S 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 22C0542	Turn-around Requested: 3 DAY	Date: 3/30/22	
ARI Client Company: PERC	Phone: 4253480921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps: 21.2
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-241A-033022	03/30/22	11:10	SOIL	1	✔	✔							
SO-TC-241B-033022	03/30/22	11:20	SOIL	1	✔	✔							
SO-TC-241C-033022	03/30/22	11:30	SOIL	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFFREY KING	Printed Name: Dimitri Lamiadis	Printed Name:	Printed Name:
	Company: PERC	Company: API	Company:	Company:
	Date & Time: 3/31/2022 1:43	Date & Time: 3/30/22 1345	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Apr-2022 12:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-241A-033022	22C0542-01	Solid	30-Mar-2022 11:10	30-Mar-2022 13:45
SO-TC-241B-033022	22C0542-02	Solid	30-Mar-2022 11:20	30-Mar-2022 13:45
SO-TC-241C-033022	22C0542-03	Solid	30-Mar-2022 11:30	30-Mar-2022 13:45

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Apr-2022 12:00

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 22C0542

Sample receipt

Samples as listed on the preceding page were received 30-Mar-2022 13:45 under ARI work order 22C0542. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 22C0542 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 21.2

Time 1345

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 2565

Cooler Accepted by: DC Date: 3/30/22 Time: 1345

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: RLew Date: 03/31/22 Time: 15:00 Labels checked by: _____

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: _____ Date: _____

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 22C0542

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type
cooler tag 21.2 above 6.0°C	3	

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: _____ Time: _____

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Apr-2022 12:00

SO-TC-241A-033022

22C0542-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/30/2022 11:10

Instrument: ICP2 Analyst: SKD — Analyzed: 04/04/2022 17:20

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22C0542-01 A 02

Preparation Batch: BKD0011 — Sample Size: 25 mL (wet)

Prepared: 04/01/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0152	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0465	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Apr-2022 12:00

SO-TC-241A-033022

22C0542-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/30/2022 11:10

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 04/01/2022 12:07

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22C0542-01 A

Preparation Batch: BKD0002 — Sample Size: 20.024 g (wet)

Prepared: 04/01/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.02	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Apr-2022 12:00

SO-TC-241B-033022

22C0542-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/30/2022 11:20

Instrument: ICP2 Analyst: SKD — Analyzed: 04/04/2022 18:22

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22C0542-02 A 02

Preparation Batch: BKD0011 — Sample Size: 25 mL (wet)

Prepared: 04/01/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0505	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Apr-2022 12:00

SO-TC-241B-033022

22C0542-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/30/2022 11:20

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 04/01/2022 12:07

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22C0542-02 A

Preparation Batch: BKD0002 — Sample Size: 20.0023 g (wet)

Prepared: 04/01/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.96	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Apr-2022 12:00

SO-TC-241C-033022

22C0542-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/30/2022 11:30

Instrument: ICP2 Analyst: SKD — Analyzed: 04/04/2022 18:25

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22C0542-03 A 02

Preparation Batch: BKD0011 — Sample Size: 25 mL (wet)

Prepared: 04/01/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0704	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.100	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Apr-2022 12:00

SO-TC-241C-033022

22C0542-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/30/2022 11:30

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 04/01/2022 12:07

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22C0542-03 A

Preparation Batch: BKD0002 — Sample Size: 20.1597 g (wet)

Prepared: 04/01/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.91	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Apr-2022 12:00

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BKD0011 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BKD0011-BLK1)				Prepared: 01-Apr-2022 Analyzed: 04-Apr-2022 17:14							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BKD0011-DUP1)		**Source: 22C0542-01**		Prepared: 01-Apr-2022 Analyzed: 04-Apr-2022 17:17							
Arsenic	0.0286	0.0140	0.250	mg/L		0.0152			61.00	20	L, J
Lead	0.0448	0.0065	0.100	mg/L		0.0465			3.65	20	J
Matrix Spike (BKD0011-MS1)		**Source: 22C0542-01**		Prepared: 01-Apr-2022 Analyzed: 04-Apr-2022 17:23							
Arsenic	4.76	0.0140	0.250	mg/L	4.00	0.0152	119	75-125			
Lead	4.60	0.0065	0.100	mg/L	4.00	0.0465	114	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Apr-2022 12:00

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BKD0002 - EPA 9045D

Instrument: Accumet AB150 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BKD0002-BS1)				Prepared: 01-Apr-2022 Analyzed: 01-Apr-2022 12:07							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Apr-2022 12:00

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Apr-2022 12:00

Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

08 April 2022

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
22D0085	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2022.04.08 15:47:32 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Shelly Fishel, Project Manager

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 22D0085	Turn-around Requested: 3 DAY	Date: 4/4/22	
ARI Client Company: PERC	Phone: 4253480921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 21.3
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-242A-040422	04/04/22	11:25	SOIL	1	✔	✔	
SO-TC-242B-040422	04/04/22	11:35	SOIL	1	✔	✔	
SO-TC-242C-040422	04/04/22	11:45	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	4/4/2022 16:39	RM	Ronan miller	ARI	4-4-22 16:39								

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Apr-2022 15:31

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-242A-040422	22D0085-01	Solid	04-Apr-2022 11:25	04-Apr-2022 16:39
SO-TC-242B-040422	22D0085-02	Solid	04-Apr-2022 11:35	04-Apr-2022 16:39
SO-TC-242C-040422	22D0085-03	Solid	04-Apr-2022 11:45	04-Apr-2022 16:39

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Apr-2022 15:31

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 22D0085

Sample receipt

Samples as listed on the preceding page were received 04-Apr-2022 16:39 under ARI work order 22D0085. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 22D0085
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 16:34 — 2.3

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: 2562

Cooler Accepted by: RM Date: 4-4-22 Time: 16:39

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 4/5/22 Time: 14:08 Labels checked by:

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 22D0085

Cooler#: 1 **Temperature(°C):** 21.7°c

Sample ID	Bottle Count	Bottle Type
Sample received above 6°c		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: RM Date: 4-4-22 Time: 1635

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Apr-2022 15:31

SO-TC-242A-040422

22D0085-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/04/2022 11:25

Instrument: ICP2 Analyst: SKD — Analyzed: 04/06/2022 18:17

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22D0085-01 A 02

Preparation Batch: BKD0142 — Sample Size: 25 mL (wet)

Prepared: 04/06/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.171	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.395	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Apr-2022 15:31

SO-TC-242A-040422

22D0085-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/04/2022 11:25

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/07/2022 13:35

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 22D0085-01 A 02

Preparation Batch: BKD0193 — Sample Size: 20.12 g (wet)

Prepared: 04/07/2022 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.52	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Apr-2022 15:31

SO-TC-242B-040422

22D0085-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/04/2022 11:35

Instrument: ICP2 Analyst: SKD — Analyzed: 04/06/2022 18:08

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22D0085-02 A 02

Preparation Batch: BKD0142 — Sample Size: 25 mL (wet)

Prepared: 04/06/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0232	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0140	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Apr-2022 15:31

SO-TC-242B-040422

22D0085-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/04/2022 11:35

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/07/2022 13:35

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 22D0085-02 A 02

Preparation Batch: BKD0193 — Sample Size: 20.13 g (wet)

Prepared: 04/07/2022 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.84	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Apr-2022 15:31

SO-TC-242C-040422

22D0085-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/04/2022 11:45

Instrument: ICP2 Analyst: SKD — Analyzed: 04/06/2022 18:11

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22D0085-03 A 02

Preparation Batch: BKD0142 — Sample Size: 25 mL (wet)

Prepared: 04/06/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0141	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.226	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Apr-2022 15:31

SO-TC-242C-040422

22D0085-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/04/2022 11:45

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/07/2022 13:35

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 22D0085-03 A 02

Preparation Batch: BKD0193 — Sample Size: 20.15 g (wet)

Prepared: 04/07/2022 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.25	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Apr-2022 15:31

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BKD0142 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BKD0142-BLK1)				Prepared: 06-Apr-2022 Analyzed: 06-Apr-2022 18:05							
Arsenic	0.0297	0.0140	0.250	mg/L							J
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BKD0142-DUP1)		**Source: 22D0085-01**		Prepared: 06-Apr-2022 Analyzed: 06-Apr-2022 18:14							
Arsenic	0.147	0.0140	0.250	mg/L		0.171			15.20	20	J
Lead	0.400	0.0065	0.100	mg/L		0.395			1.12	20	
Matrix Spike (BKD0142-MS1)		**Source: 22D0085-01**		Prepared: 06-Apr-2022 Analyzed: 06-Apr-2022 18:20							
Arsenic	4.64	0.0140	0.250	mg/L	4.00	0.171	112	75-125			
Lead	4.56	0.0065	0.100	mg/L	4.00	0.395	104	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Apr-2022 15:31

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BKD0193 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BKD0193-BS1)				Prepared: 07-Apr-2022 Analyzed: 07-Apr-2022 13:35							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Apr-2022 15:31

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	08-Apr-2022 15:31

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

13 April 2022

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
22D0096	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Shelly Fishel, Project Manager

Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: (1) ~~220~~ 22D0096	Turn-around Requested: 3 DAY	Date: 4/5/22	
ARI Client Company: PERC	Phone: 4253480921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-243A-040522	04/05/22	09:30	SOIL	1	✔	✔							
SO-TC-243B-040522	04/05/22	09:40	SOIL	1	✔	✔							
SO-TC-243C-040522	04/05/22	09:50	SOIL	1	✔	✔							

Analysis Requested

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Rowan miller	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/5/2022 16:40	Date & Time: 4-5-22 16:40	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

(1) SUF 04/05/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Apr-2022 11:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-243A-040522	22D0096-01	Solid	05-Apr-2022 09:30	05-Apr-2022 16:40
SO-TC-243B-040522	22D0096-02	Solid	05-Apr-2022 09:40	05-Apr-2022 16:40
SO-TC-243C-040522	22D0096-03	Solid	05-Apr-2022 09:50	05-Apr-2022 16:40

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Apr-2022 11:16

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 22D0096

Sample receipt

Samples as listed on the preceding page were received 05-Apr-2022 16:40 under ARI work order 22D0096. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 22D0096 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time	~~16:40~~ 16:40					
	2.5°C				2.5	

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 256

Cooler Accepted by: RM Date: 4-5-22 Time: 16:40

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 04/05/2022 Time: 1657 Labels checked by: SUF

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 22D0096

Cooler#: 1 Temperature(°C): 23.5°C

Sample ID	Bottle Count	Bottle Type
Sample received above 6°C		

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: [illegible] Date: 4-5-22 Time: 16:40

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Apr-2022 11:16

SO-TC-243A-040522

22D0096-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/05/2022 09:30

Instrument: ICP2 Analyst: SKD — Analyzed: 04/11/2022 19:58

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22D0096-01 A 02

Preparation Batch: BKD0230 — Sample Size: 25 mL (wet)

Prepared: 04/08/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0649	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Apr-2022 11:16

SO-TC-243A-040522

22D0096-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/05/2022 09:30

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/07/2022 13:35

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 22D0096-01 A

Preparation Batch: BKD0193 — Sample Size: 20.16 g (wet)

Prepared: 04/07/2022 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.58	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Apr-2022 11:16

SO-TC-243B-040522

22D0096-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/05/2022 09:40

Instrument: ICP2 Analyst: SKD — Analyzed: 04/11/2022 20:01

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22D0096-02 A 02

Preparation Batch: BKD0230 — Sample Size: 25 mL (wet)

Prepared: 04/08/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0172	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.115	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Apr-2022 11:16

SO-TC-243B-040522

22D0096-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/05/2022 09:40

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/07/2022 13:35

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 22D0096-02 A

Preparation Batch: BKD0193 — Sample Size: 20.16 g (wet)

Prepared: 04/07/2022 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.33	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Apr-2022 11:16

SO-TC-243C-040522

22D0096-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/05/2022 09:50

Instrument: ICP2 Analyst: SKD — Analyzed: 04/11/2022 20:04

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22D0096-03 A 02

Preparation Batch: BKD0230 — Sample Size: 25 mL (wet)

Prepared: 04/08/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0748	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Apr-2022 11:16

SO-TC-243C-040522

22D0096-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/05/2022 09:50

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/07/2022 13:35

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 22D0096-03 A

Preparation Batch: BKD0193 — Sample Size: 20.01 g (wet)

Prepared: 04/07/2022 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.61	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Apr-2022 11:16

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BKD0230 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BKD0230-BLK1)				Prepared: 08-Apr-2022 Analyzed: 11-Apr-2022 19:44							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0093	0.0065	0.100	mg/L							J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Apr-2022 11:16

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BKD0193 - No Prep Wet Chem

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BKD0193-BS1)				Prepared: 07-Apr-2022 Analyzed: 07-Apr-2022 13:35							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Apr-2022 11:16

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	13-Apr-2022 11:16

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

20 April 2022

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
22D0194	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2022.04.20 08:55:30 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 22D0194	Turn-around Requested: 3 DAY	Date: 4/11/22	
ARI Client Company: PERC	Phone: 4253480921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-244A-040722	04/07/22	10:20	SOIL	1	✔	✔	
SO-TC-244B-040722	04/07/22	10:25	SOIL	1	✔	✔	
SO-TC-244C-040722	04/07/22	10:32	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Roman Miller	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/11/2022 16:41	Date & Time: 4-11-22 1641	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2022 08:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-244A-040722	22D0194-01	Solid	07-Apr-2022 10:20	11-Apr-2022 16:41
SO-TC-244B-040722	22D0194-02	Solid	07-Apr-2022 10:25	11-Apr-2022 16:41
SO-TC-244C-040722	22D0194-03	Solid	07-Apr-2022 10:32	11-Apr-2022 16:41

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2022 08:53

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 22D0194

Sample receipt

Samples as listed on the preceding page were received 11-Apr-2022 16:41 under ARI work order 22D0194. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 22D0194 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 16:41 20.4

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 2565

Cooler Accepted by: RM Date: 4-11-22 Time: 16:41

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA RM	YES	NO
How were bottles sealed in plastic bags?		Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: RM Date: 4/11/22 Time: 16:59 Labels checked by:

** *Notify Project Manager of discrepancies or concerns* **

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 22D0194

Cooler#: 1 Temperature(°C): 20.4

Sample ID	Bottle Count	Bottle Type
Sample Received Above 6°C		

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: Rm Date: 4-11-22 Time: 10:41

00070F Cooler Temperature Compliance Form Version 001 10/27/2021

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2022 08:53

SO-TC-244A-040722

22D0194-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/07/2022 10:20

Instrument: ICP2 Analyst: SKD — Analyzed: 04/18/2022 17:31

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22D0194-01 A 02

Preparation Batch: BKD0399 — Sample Size: 25 mL (wet)

Prepared: 04/14/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0593	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.875	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2022 08:53

SO-TC-244A-040722

22D0194-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/07/2022 10:20

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/14/2022 14:00

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22D0194-01 A 01

Preparation Batch: BKD0413 — Sample Size: 20.13 g (wet)

Prepared: 04/14/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.39	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2022 08:53

SO-TC-244B-040722

22D0194-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/07/2022 10:25

Instrument: ICP2 Analyst: SKD — Analyzed: 04/18/2022 17:34

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22D0194-02 A 02

Preparation Batch: BKD0399 — Sample Size: 25 mL (wet)

Prepared: 04/14/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0730	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	3.20	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2022 08:53

SO-TC-244B-040722

22D0194-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/07/2022 10:25

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/14/2022 14:00

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22D0194-02 A 01

Preparation Batch: BKD0413 — Sample Size: 20.14 g (wet)

Prepared: 04/14/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.58	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2022 08:53

SO-TC-244C-040722

22D0194-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/07/2022 10:32

Instrument: ICP2 Analyst: SKD — Analyzed: 04/18/2022 17:37

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22D0194-03 A 02

Preparation Batch: BKD0399 — Sample Size: 25 mL (wet)

Prepared: 04/14/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0156	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.159	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2022 08:53

SO-TC-244C-040722

22D0194-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/07/2022 10:32

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/14/2022 14:00

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22D0194-03 A 01

Preparation Batch: BKD0413 — Sample Size: 20.07 g (wet)

Prepared: 04/14/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.73	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2022 08:53

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BKD0399 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BKD0399-BLK1)				Prepared: 14-Apr-2022 Analyzed: 18-Apr-2022 15:38							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2022 08:53

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BKD0413 - EPA 9045D

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BKD0413-BS1)				Prepared: 14-Apr-2022 Analyzed: 14-Apr-2022 14:00							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			
Duplicate (BKD0413-DUP1)		**Source: 22D0194-01**		Prepared: 14-Apr-2022 Analyzed: 14-Apr-2022 14:00							
pH	8.52	0.01	0.01	pH Units		8.39			1.54	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2022 08:53

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	20-Apr-2022 08:53

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

21 April 2022

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
22D0215	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2022.04.21 10:17:24 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 22D0215	Turn-around Requested: 3 DAY	Date: 4/12/22	
ARI Client Company: PERC	Phone: 4253480921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-245A-041222	04/12/22	14:10	SOIL	1	✔	✔							
SO-TC-245B-041222	04/12/22	14:20	SOIL	1	✔	✔							
SO-TC-245C-041222	04/12/22	14:30	SOIL	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Genevieve Beesley	Printed Name:	Printed Name:
	Company: PERC	Company: ART	Company:	Company:
	Date & Time: 4/12/2022 16 37	Date & Time: 4/12/22 16:37	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2022 10:15

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-245A-041222	22D0215-01	Solid	12-Apr-2022 14:10	12-Apr-2022 16:37
SO-TC-245B-041222	22D0215-02	Solid	12-Apr-2022 14:20	12-Apr-2022 16:37
SO-TC-245C-041222	22D0215-03	Solid	12-Apr-2022 14:30	12-Apr-2022 16:37

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2022 10:15

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 22D0215

Sample receipt

Samples as listed on the preceding page were received 12-Apr-2022 16:37 under ARI work order 22D0215. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superion Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 22D0215
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 1.8.2
Time 1:38pm
If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: 90109708
Cooler Accepted by: Date: 4/12/22 Time: 16:37

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 4/12/22 Time: 16:57 Labels checked by:

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 22D0215

Cooler#: _____ Temperature(°C): 16.2

Sample ID	Bottle Count	Bottle Type
samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 4/12/22 Time: 16:37

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2022 10:15

SO-TC-245A-041222

22D0215-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/12/2022 14:10

Instrument: ICP2 Analyst: SKD — Analyzed: 04/19/2022 19:55

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22D0215-01 A 02

Preparation Batch: BKD0534 — Sample Size: 25 mL (wet)

Prepared: 04/19/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0789	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.232	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2022 10:15

SO-TC-245A-041222

22D0215-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/12/2022 14:10

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/14/2022 14:00

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22D0215-01 A

Preparation Batch: BKD0413 — Sample Size: 20.08 g (wet)

Prepared: 04/14/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.30	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2022 10:15

SO-TC-245B-041222

22D0215-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/12/2022 14:20

Instrument: ICP2 Analyst: SKD — Analyzed: 04/19/2022 19:57

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22D0215-02 A 02

Preparation Batch: BKD0534 — Sample Size: 25 mL (wet)

Prepared: 04/19/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0164	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0088	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2022 10:15

SO-TC-245B-041222

22D0215-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/12/2022 14:20

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/14/2022 14:00

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22D0215-02 A

Preparation Batch: BKD0413 — Sample Size: 20.01 g (wet)

Prepared: 04/14/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.38	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2022 10:15

SO-TC-245C-041222

22D0215-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/12/2022 14:30

Instrument: ICP2 Analyst: SKD — Analyzed: 04/19/2022 20:00

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22D0215-03 A 02

Preparation Batch: BKD0534 — Sample Size: 25 mL (wet)

Prepared: 04/19/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2022 10:15

SO-TC-245C-041222

22D0215-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/12/2022 14:30

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/14/2022 14:00

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22D0215-03 A

Preparation Batch: BKD0413 — Sample Size: 20.1 g (wet)

Prepared: 04/14/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.19	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2022 10:15

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BKD0534 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BKD0534-BLK1)				Prepared: 19-Apr-2022 Analyzed: 19-Apr-2022 17:36							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2022 10:15

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BKD0413 - EPA 9045D

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BKD0413-BS1)				Prepared: 14-Apr-2022 Analyzed: 14-Apr-2022 14:00							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2022 10:15

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2022 10:15

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

26 April 2022

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
22D0301	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2022.04.26 19:43:15 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 22D0301	Turn-around Requested: 3 DAY	Date: 4/19/22	
ARI Client Company: PERC	Phone: 4253480921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps: 23.3
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-246A-041922	04/19/22	10:20	SOIL	1	✔	✔	
SO-TC-246B-041922	04/19/22	10:30	SOIL	1	✔	✔	
SO-TC-246C-041922	04/19/22	10:40	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: DUNNHOS	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/19/2022 16:37	Date & Time: 04/19/22 1632	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Apr-2022 19:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-246A-041922	22D0301-01	Solid	19-Apr-2022 10:20	19-Apr-2022 16:32
SO-TC-246B-041922	22D0301-02	Solid	19-Apr-2022 10:30	19-Apr-2022 16:32
SO-TC-246C-041922	22D0301-03	Solid	19-Apr-2022 10:40	19-Apr-2022 16:32

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Apr-2022 19:41

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 22D0301

Sample receipt

Samples as listed on the preceding page were received 19-Apr-2022 16:32 under ARI work order 22D0301. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PENE Project Name: Superior

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 22D0301 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 23.3

Time 1632

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 9705

Cooler Accepted by: _____ Date: 04/19/22 Time: 1632

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: _____ Date: 04/19/22 Time: 16:45 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Apr-2022 19:41

SO-TC-246A-041922

22D0301-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/19/2022 10:20

Instrument: ICP2 Analyst: MVP — Analyzed: 04/25/2022 14:39

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22D0301-01 A 02

Preparation Batch: BKD0612 — Sample Size: 25 mL (wet)

Prepared: 04/21/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.109	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Apr-2022 19:41

SO-TC-246A-041922

22D0301-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/19/2022 10:20

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 04/22/2022 14:10

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22D0301-01 A

Preparation Batch: BKD0675 — Sample Size: 20.1556 g (wet)

Prepared: 04/22/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.71	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Apr-2022 19:41

SO-TC-246B-041922

22D0301-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/19/2022 10:30

Instrument: ICP2 Analyst: MVP — Analyzed: 04/25/2022 14:42

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22D0301-02 A 02

Preparation Batch: BKD0612 — Sample Size: 25 mL (wet)

Prepared: 04/21/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0897	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Apr-2022 19:41

SO-TC-246B-041922

22D0301-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/19/2022 10:30

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 04/22/2022 14:10

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22D0301-02 A

Preparation Batch: BKD0675 — Sample Size: 20.0411 g (wet)

Prepared: 04/22/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.74	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Apr-2022 19:41

SO-TC-246C-041922

22D0301-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/19/2022 10:40

Instrument: ICP2 Analyst: MVP — Analyzed: 04/25/2022 15:06

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22D0301-03 A 02

Preparation Batch: BKD0612 — Sample Size: 25 mL (wet)

Prepared: 04/21/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0331	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Apr-2022 19:41

SO-TC-246C-041922

22D0301-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/19/2022 10:40

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 04/22/2022 14:10

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22D0301-03 A

Preparation Batch: BKD0675 — Sample Size: 20.1411 g (wet)

Prepared: 04/22/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.76	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Apr-2022 19:41

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BKD0612 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MVP

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BKD0612-BLK1)				Prepared: 21-Apr-2022 Analyzed: 25-Apr-2022 14:14							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0097	0.0065	0.100	mg/L							J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Apr-2022 19:41

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BKD0675 - EPA 9045D

Instrument: Accumet AB150 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BKD0675-BS1)				Prepared: 22-Apr-2022 Analyzed: 22-Apr-2022 14:10							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			
Duplicate (BKD0675-DUP1)		**Source: 22D0301-01**		Prepared: 22-Apr-2022 Analyzed: 22-Apr-2022 14:10							
pH	8.72	0.01	0.01	pH Units		8.71			0.12	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Apr-2022 19:41

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2022
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	26-Apr-2022 19:41

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

16 June 2022

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
22F0143	N/A

Shelly Fishel Digitally signed by Shelly Fishel Date: 2022.06.16 08:07:39 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Shelly Fishel, Project Manager

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 22F0143	Turn-around Requested: 3 DAY	Date: 6/8/22	
ARI Client Company: PERC	Phone: 4253460921	Page: 1 of 1	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 26.8
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-247A-060822	06/08/22	13:45	SOIL	1	✔	✔	
SO-TC-247B-060822	06/08/22	13:55	SOIL	1	✔	✔	
SO-TC-247C-060822	06/08/22	14:05	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Rowan miller	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/8/2022 16:29	Date & Time: 6/8/22 1629	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jun-2022 08:02

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-247A-060822	22F0143-01	Solid	08-Jun-2022 13:45	08-Jun-2022 16:29
SO-TC-247B-060822	22F0143-02	Solid	08-Jun-2022 13:55	08-Jun-2022 16:29
SO-TC-247C-060822	22F0143-03	Solid	08-Jun-2022 14:05	08-Jun-2022 16:29

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jun-2022 08:02

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 22F0143

Sample receipt

Samples as listed on the preceding page were received 08-Jun-2022 16:29 under ARI work order 22F0143. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 22F0143 Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1629 26.8

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 2565

Cooler Accepted by: RM Date: 6/8/22 Time: 1629

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?	RM	(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	(NO)
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: RM Date: 6/8/22 Time: 1634 Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 22F0143

Cooler#: 1 **Temperature(°C):** 26.9

Sample ID	Bottle Count	Bottle Type
Sample received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: RC Date: 6/8/22 Time: 1625

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jun-2022 08:02

SO-TC-247A-060822

22F0143-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/08/2022 13:45

Instrument: ICP2 Analyst: SKD — Analyzed: 06/13/2022 22:18

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22F0143-01 A 02

Preparation Batch: BKF0294 — Sample Size: 25 mL (wet)

Prepared: 06/13/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0420	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jun-2022 08:02

SO-TC-247A-060822

22F0143-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/08/2022 13:45

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 06/14/2022 13:03

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22F0143-01 A

Preparation Batch: BKF0321 — Sample Size: 20.7627 g (wet)

Prepared: 06/14/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.41	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jun-2022 08:02

SO-TC-247B-060822

22F0143-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/08/2022 13:55

Instrument: ICP2 Analyst: SKD — Analyzed: 06/13/2022 21:33

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22F0143-02 A 02

Preparation Batch: BKF0294 — Sample Size: 25 mL (wet)

Prepared: 06/13/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jun-2022 08:02

SO-TC-247B-060822

22F0143-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/08/2022 13:55

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 06/14/2022 13:03

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22F0143-02 A

Preparation Batch: BKF0321 — Sample Size: 20.7327 g (wet)

Prepared: 06/14/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.65	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jun-2022 08:02

SO-TC-247C-060822

22F0143-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/08/2022 14:05

Instrument: ICP2 Analyst: SKD — Analyzed: 06/13/2022 22:12

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22F0143-03 A 02

Preparation Batch: BKF0294 — Sample Size: 25 mL (wet)

Prepared: 06/13/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0140	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jun-2022 08:02

SO-TC-247C-060822

22F0143-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/08/2022 14:05

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 06/14/2022 13:03

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22F0143-03 A

Preparation Batch: BKF0321 — Sample Size: 20.2636 g (wet)

Prepared: 06/14/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.59	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jun-2022 08:02

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BKF0294 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BKF0294-BLK1)				Prepared: 13-Jun-2022 Analyzed: 13-Jun-2022 21:30							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BKF0294-DUP1)		**Source: 22F0143-01**		Prepared: 13-Jun-2022 Analyzed: 13-Jun-2022 22:15							
Arsenic	ND	0.0140	0.250	mg/L		ND					U
Lead	0.0442	0.0065	0.100	mg/L		0.0420			5.31	20	J
Matrix Spike (BKF0294-MS1)		**Source: 22F0143-01**		Prepared: 13-Jun-2022 Analyzed: 13-Jun-2022 22:21							
Arsenic	4.27	0.0140	0.250	mg/L	4.00	ND	107	75-125			
Lead	4.12	0.0065	0.100	mg/L	4.00	0.0420	102	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jun-2022 08:02

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BKF0321 - EPA 9045D

Instrument: Accumet AB150 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BKF0321-BS1)				Prepared: 14-Jun-2022 Analyzed: 14-Jun-2022 13:03							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jun-2022 08:02

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2023
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jun-2022 08:02

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

28 June 2022

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
22F0337	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2022.06.28 14:58:07 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 22F0337	Turn-around Requested: 3 DAY	Date: 6/20/22	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-248A-062022	06/20/22	13:15	SOIL	1	✔	✔	
SO-TC-248B-062022	06/20/22	13:30	SOIL	1	✔	✔	
SO-TC-248C-062022	06/20/22	13:45	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time
	Kenny King	Kenny King	PERC	6/20/22 16:21	[signature]	Isabelle Beasley	ARI	6/20/22 16:21
	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2022 14:57

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-248A-062022	22F0337-01	Solid	20-Jun-2022 13:15	20-Jun-2022 16:21
SO-TC-248B-062022	22F0337-02	Solid	20-Jun-2022 13:30	20-Jun-2022 16:21
SO-TC-248C-062022	22F0337-03	Solid	20-Jun-2022 13:45	20-Jun-2022 16:21

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2022 14:57

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 22F0337

Sample receipt

Samples as listed on the preceding page were received 20-Jun-2022 16:21 under ARI work order 22F0337. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superion Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 22F0337
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 26.9

Time

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D002565

Cooler Accepted by: Date: 6/20/22 Time: 16:21

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 6/20/22 Time: 1723 Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 22F0337 — 26.9

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type
samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 6/29/22 Time: 16:21

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2022 14:57

SO-TC-248A-062022

22F0337-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/20/2022 13:15

Instrument: ICP2 Analyst: SKD — Analyzed: 06/23/2022 20:48

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22F0337-01 A 02

Preparation Batch: BKF0540 — Sample Size: 25 mL (wet)

Prepared: 06/23/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0321	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0452	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2022 14:57

SO-TC-248A-062022

22F0337-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/20/2022 13:15

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/22/2022 11:15

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22F0337-01 A

Preparation Batch: BKF0508 — Sample Size: 20.21 g (wet)

Prepared: 06/22/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.62	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2022 14:57

SO-TC-248B-062022

22F0337-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/20/2022 13:30

Instrument: ICP2 Analyst: SKD — Analyzed: 06/23/2022 20:51

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22F0337-02 A 02

Preparation Batch: BKF0540 — Sample Size: 25 mL (wet)

Prepared: 06/23/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0190	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2022 14:57

SO-TC-248B-062022

22F0337-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/20/2022 13:30

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/22/2022 11:15

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22F0337-02 A

Preparation Batch: BKF0508 — Sample Size: 20.08 g (wet)

Prepared: 06/22/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.71	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2022 14:57

SO-TC-248C-062022

22F0337-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/20/2022 13:45

Instrument: ICP2 Analyst: SKD — Analyzed: 06/23/2022 20:54

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22F0337-03 A 02

Preparation Batch: BKF0540 — Sample Size: 25 mL (wet)

Prepared: 06/23/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0394	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.651	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2022 14:57

SO-TC-248C-062022

22F0337-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/20/2022 13:45

Instrument: Accumet AB150 Analyst: UW — Analyzed: 06/22/2022 11:15

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22F0337-03 A

Preparation Batch: BKF0508 — Sample Size: 20.19 g (wet)

Prepared: 06/22/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.55	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2022 14:57

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BKF0540 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BKF0540-BLK1)				Prepared: 23-Jun-2022 Analyzed: 23-Jun-2022 20:29							
Arsenic	0.0156	0.0140	0.250	mg/L							J
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2022 14:57

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BKF0508 - EPA 9045D

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BKF0508-BS1)				Prepared: 22-Jun-2022 Analyzed: 22-Jun-2022 11:15							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			
Duplicate (BKF0508-DUP1)		**Source: 22F0337-01**		Prepared: 22-Jun-2022 Analyzed: 22-Jun-2022 11:15							
pH	9.58	0.01	0.01	pH Units		9.62			0.42	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2022 14:57

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2023
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2022 14:57

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

06 July 2022

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
22F0371	N/A

Susan Dunnihoo

Digitally signed by Susan Dunnihoo
Date: 2022.07.06 10:03:15 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Susan Dunnihoo For Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 22F0371	Turn-around Requested: 3 DAY	Date: 6/22/22	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-249A-062222	06/22/22	14:55	SOIL	1	✔	✔	
SO-TC-249B-062222	06/22/22	15:05	SOIL	1	✔	✔	
SO-TC-249C-062222	06/22/22	15:15	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Orlo Ames	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/22/22 16:21	Date & Time: 6/22/22 16:21	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2022 09:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-249A-062222	22F0371-01	Solid	22-Jun-2022 14:55	22-Jun-2022 16:21
SO-TC-249B-062222	22F0371-02	Solid	22-Jun-2022 15:05	22-Jun-2022 16:21
SO-TC-249C-062222	22F0371-03	Solid	22-Jun-2022 15:15	22-Jun-2022 16:21

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2022 09:58

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 22F0371

Sample receipt

Samples as listed on the preceding page were received 22-Jun-2022 16:21 under ARI work order 22F0371. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PEVC — Project Name: Superlon Plastic

COC No(s): NA — Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 22F0371 — Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 16:21 — 2.3 3.0

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: 9805

Cooler Accepted by: [signature] — Date: 06/22/22 — Time: 16:21

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: HN Date: 06/22/22 Time: 16:28 Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 22F0371

Cooler#: 1 **Temperature(°C):** 2.3

Sample ID	Bottle Count	Bottle Type
temp was above		
6° degrees		
Coler Amos		
6/22/22		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: _____ Time: _____

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2022 09:58

SO-TC-249A-062222

22F0371-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/22/2022 14:55

Instrument: ICP2 Analyst: SKD — Analyzed: 06/29/2022 22:38

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22F0371-01 A 02

Preparation Batch: BKF0668 — Sample Size: 25 mL (wet)

Prepared: 06/29/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.241	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2022 09:58

SO-TC-249A-062222

22F0371-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/22/2022 14:55

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 06/28/2022 07:48

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22F0371-01 A

Preparation Batch: BKF0609 — Sample Size: 20.3892 g (wet)

Prepared: 06/27/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.73	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2022 09:58

SO-TC-249B-062222

22F0371-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/22/2022 15:05

Instrument: ICP2 Analyst: SKD — Analyzed: 06/29/2022 22:44

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22F0371-02 A 02

Preparation Batch: BKF0668 — Sample Size: 25 mL (wet)

Prepared: 06/29/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.389	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2022 09:58

SO-TC-249B-062222

22F0371-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/22/2022 15:05

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 06/28/2022 07:48

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22F0371-02 A

Preparation Batch: BKF0609 — Sample Size: 20.1354 g (wet)

Prepared: 06/27/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.71	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2022 09:58

SO-TC-249C-062222

22F0371-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/22/2022 15:15

Instrument: ICP2 Analyst: SKD — Analyzed: 06/29/2022 22:49

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22F0371-03 A 02

Preparation Batch: BKF0668 — Sample Size: 25 mL (wet)

Prepared: 06/29/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0186	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2022 09:58

SO-TC-249C-062222

22F0371-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/22/2022 15:15

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 06/28/2022 07:48

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22F0371-03 A

Preparation Batch: BKF0609 — Sample Size: 20.6508 g (wet)

Prepared: 06/27/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.94	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2022 09:58

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BKF0668 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BKF0668-BLK1)				Prepared: 29-Jun-2022 Analyzed: 29-Jun-2022 22:14							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2022 09:58

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BKF0609 - EPA 9045D

Instrument: Accumet AB150 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BKF0609-BS1)				Prepared: 27-Jun-2022 Analyzed: 28-Jun-2022 07:48							
pH	7.01	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BKF0609-DUP1)		**Source: 22F0371-01**		Prepared: 27-Jun-2022 Analyzed: 28-Jun-2022 07:48							
pH	8.68	0.01	0.01	pH Units		8.73			0.57	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2022 09:58

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2023
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jul-2022 09:58

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

11 July 2022

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
22F0442	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Susan Dunnihoo For Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006-012

4611 S 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 22F0442	Turn-around Requested: 3 DAY	Date: 6/27/22	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps: 3l.4
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-250A-062722	06/27/22	12:45	SOIL	1	✔	✔							
SO-TC-250B-062722	06/27/22	12:55	SOIL	1	✔	✔							
SO-TC-250C-062722	06/27/22	13:05	SOIL	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Orlo Amos	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/27/22 2:41P	Date & Time: 6/27/22 14:41	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2022 09:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-250A	22F0442-01	Solid	27-Jun-2022 12:45	27-Jun-2022 14:41
SO-TC-250B	22F0442-02	Solid	27-Jun-2022 12:55	27-Jun-2022 14:41
SO-TC-250C	22F0442-03	Solid	27-Jun-2022 13:05	27-Jun-2022 14:41

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2022 09:28

Work Order Case Narrative

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Pesc — Project Name: Superior Plastic

COC No(s): NA — Delivered by: Fed-Ex UPS Courier Hand Delivered Other: ____

Assigned ARI Job No: 22F0442 — Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 14:41 — 3.4

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: 9768

Cooler Accepted by: [signature] — Date: 6/27/22 — Time: 14:41

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: ____			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: ____ Equipment: ____ Split by: ____

Samples Logged by: [signature] Date: 06/27/2022 Time: 1455 Labels checked by: SLF

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 22F0442

Cooler#: 1 **Temperature(°C):** 31.4

Sample ID	Bottle Count	Bottle Type
temp was above		
6 degrees		
Only once		
6/27/22 14:13		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: _____ Time: _____

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2022 09:28

SO-TC-250A

22F0442-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/27/2022 12:45

Instrument: ICP2 Analyst: SKD — Analyzed: 06/30/2022 20:37

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22F0442-01 A 02

Preparation Batch: BKF0704 — Sample Size: 25 mL (wet)

Prepared: 06/30/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.244	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2022 09:28

SO-TC-250A

22F0442-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/27/2022 12:45

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 06/29/2022 09:50

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22F0442-01 A

Preparation Batch: BKF0666 — Sample Size: 20.0309 g (wet)

Prepared: 06/29/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.37	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2022 09:28

SO-TC-250B

22F0442-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/27/2022 12:55

Instrument: ICP2 Analyst: SKD — Analyzed: 06/30/2022 20:43

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22F0442-02 A 02

Preparation Batch: BKF0704 — Sample Size: 25 mL (wet)

Prepared: 06/30/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.228	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2022 09:28

SO-TC-250B

22F0442-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/27/2022 12:55

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 06/29/2022 09:50

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22F0442-02 A

Preparation Batch: BKF0666 — Sample Size: 20.1283 g (wet)

Prepared: 06/29/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.34	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2022 09:28

SO-TC-250C

22F0442-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/27/2022 13:05

Instrument: ICP2 Analyst: SKD — Analyzed: 06/30/2022 20:55

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22F0442-03 A 02

Preparation Batch: BKF0704 — Sample Size: 25 mL (wet)

Prepared: 06/30/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0699	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2022 09:28

SO-TC-250C

22F0442-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/27/2022 13:05

Instrument: Accumet AB150 Analyst: DOE — Analyzed: 06/29/2022 09:50

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22F0442-03 A

Preparation Batch: BKF0666 — Sample Size: 20.4815 g (wet)

Prepared: 06/29/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.38	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2022 09:28

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BKF0704 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BKF0704-BLK1)				Prepared: 30-Jun-2022 Analyzed: 30-Jun-2022 20:08							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2022 09:28

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BKF0666 - EPA 9045D

Instrument: Accumet AB150 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BKF0666-BS1)				Prepared: 29-Jun-2022 Analyzed: 29-Jun-2022 09:50							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BKF0666-DUP1)		**Source: 22F0442-01**		Prepared: 29-Jun-2022 Analyzed: 29-Jun-2022 09:50							
pH	9.42	0.01	0.01	pH Units		9.37			0.53	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2022 09:28

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2023
WADOE	WA Dept of Ecology	C558	06/30/2022
WA-DW	Ecology - Drinking Water	C558	06/30/2022

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2022 09:28

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

09 July 2022

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

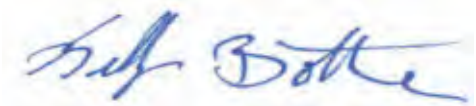
Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
22F0493	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC



Kelly Bottem For Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 22F0493	Turn-around Requested: 3 DAY	Date: 6/30/22	
ARI Client Company: PERC	Phone: 4253460921	Page: 1 of 1	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 2 7.9
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-251A-062322	06/23/22	11:55	SOIL	1	✔	✔							
SO-TC-251B-062722	06/27/22	07:00	SOIL	1	✔	✔							
SO-TC-251C-062822	06/28/22	13:08	SOIL	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time
	Kenny King	Kenny King	PERC	6/30/2022 15:44		Rowan Miller	ARI	6/30/22 1544								

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2022 14:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-251A-062322	22F0493-01	Solid	23-Jun-2022 11:55	30-Jun-2022 15:44
SO-TC-251B-062722	22F0493-02	Solid	27-Jun-2022 07:00	30-Jun-2022 15:44
SO-TC-251C-062822	22F0493-03	Solid	28-Jun-2022 13:08	30-Jun-2022 15:44

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2022 14:20

Work Order Case Narrative

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC — Project Name: Superbay Plant 5

COC No(s): NA — Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 22F0493 — Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1544 — 2.9

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: 2565

Cooler Accepted by: — Date: 6/30/22 — Time: 1544

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA — YES — Date/Time: — Equipment: — Split by:

Samples Logged by: — Date: 6/30/22 — Time: 16:14 — Labels checked by:

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 22F0493

Cooler#: _____ **Temperature(°C):** 27.9°

Sample ID	Bottle Count	Bottle Type
Sample received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 6/30/23 Time: 1549

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2022 14:20

SO-TC-251A-062322

22F0493-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/23/2022 11:55

Instrument: ICP2 Analyst: SKD — Analyzed: 07/07/2022 00:43

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22F0493-01 A 02

Preparation Batch: BKG0070 — Sample Size: 25 mL (wet)

Prepared: 07/06/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.119	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0694	mg/L	J

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2022 14:20

SO-TC-251A-062322

22F0493-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/23/2022 11:55

Instrument: Accumet AB150 Analyst: UW — Analyzed: 07/05/2022 15:45

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22F0493-01 A

Preparation Batch: BKG0061 — Sample Size: 20.06 g (wet)

Prepared: 07/05/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.31	pH Units	

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2022 14:20

SO-TC-251B-062722

22F0493-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/27/2022 07:00

Instrument: ICP2 Analyst: SKD — Analyzed: 07/07/2022 00:02

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22F0493-02 A 02

Preparation Batch: BKG0070 — Sample Size: 25 mL (wet)

Prepared: 07/06/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.183	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0865	mg/L	J

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2022 14:20

SO-TC-251B-062722

22F0493-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/27/2022 07:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 07/05/2022 15:45

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22F0493-02 A

Preparation Batch: BKG0061 — Sample Size: 20.03 g (wet)

Prepared: 07/05/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.02	pH Units	

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2022 14:20

SO-TC-251C-062822

22F0493-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/28/2022 13:08

Instrument: ICP2 Analyst: SKD — Analyzed: 07/07/2022 00:07

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22F0493-03 A 02

Preparation Batch: BKG0070 — Sample Size: 25 mL (wet)

Prepared: 07/06/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.228	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0658	mg/L	J

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2022 14:20

SO-TC-251C-062822

22F0493-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/28/2022 13:08

Instrument: Accumet AB150 Analyst: UW — Analyzed: 07/05/2022 15:45

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22F0493-03 A

Preparation Batch: BKG0061 — Sample Size: 20.02 g (wet)

Prepared: 07/05/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.28	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2022 14:20

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BKG0070 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BKG0070-BLK1)				Prepared: 06-Jul-2022 Analyzed: 06-Jul-2022 23:56							
Arsenic	0.0285	0.0140	0.250	mg/L							J
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BKG0070-DUP1)		**Source: 22F0493-01**		Prepared: 06-Jul-2022 Analyzed: 07-Jul-2022 00:37							
Arsenic	0.0744	0.0140	0.250	mg/L		0.119			46.40	20	L, J
Lead	0.0660	0.0065	0.100	mg/L		0.0694			5.08	20	J
Matrix Spike (BKG0070-MS1)		**Source: 22F0493-01**		Prepared: 06-Jul-2022 Analyzed: 07-Jul-2022 00:48							
Arsenic	4.47	0.0140	0.250	mg/L	4.00	0.119	109	75-125			
Lead	4.36	0.0065	0.100	mg/L	4.00	0.0694	107	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2022 14:20

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BKG0061 - EPA 9045D

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BKG0061-BS1)				Prepared: 05-Jul-2022 Analyzed: 05-Jul-2022 15:45							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			
Duplicate (BKG0061-DUP1)		**Source: 22F0493-01**		Prepared: 05-Jul-2022 Analyzed: 05-Jul-2022 15:45							
pH	8.45	0.01	0.01	pH Units		8.31			1.67	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2022 14:20

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2023

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	09-Jul-2022 14:20

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

09 July 2022

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
22F0494	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Kelly Bottem For Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 22F0194	Turn-around Requested: 3 DAY	Date: 6/30/22	
ARI Client Company: PERC	Phone: 4253460921	Page: 1 of 1	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 2.7.4
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-252A-063022	06/30/22	10:00	SOIL	1	✔	✔							
SO-TC-252B-063022	06/30/22	10:15	SOIL	1	✔	✔							
SO-TC-252C-063022	06/30/22	10:30	SOIL	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Roman miller	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/30/2022 15:44	Date & Time: 6/30/22 1544	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2022 14:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-252A-063022	22F0494-01	Solid	30-Jun-2022 10:00	30-Jun-2022 15:44
SO-TC-252B-063022	22F0494-02	Solid	30-Jun-2022 10:15	30-Jun-2022 15:44
SO-TC-252C-063022	22F0494-03	Solid	30-Jun-2022 10:30	30-Jun-2022 15:44

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2022 14:16

Work Order Case Narrative

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superbay Plant 5

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 22F0499

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1544 — 2.9

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 2561

Cooler Accepted by: [signature] Date: 6/30/22 Time: 1544

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other		
Was sufficient ice used (If appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: [signature] Date: 6/30/22 Time: 1629 Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 22F0494

Cooler#: _____ Temperature(°C): 27.9°

Sample ID	Bottle Count	Bottle Type
Sample received		
above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 6/30/22 Time: 1549

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2022 14:16

SO-TC-252A-063022

22F0494-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/30/2022 10:00

Instrument: ICP2 Analyst: SKD — Analyzed: 07/07/2022 00:13

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22F0494-01 A 02

Preparation Batch: BKG0070 — Sample Size: 25 mL (wet)

Prepared: 07/06/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0454	mg/L	J

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2022 14:16

SO-TC-252A-063022

22F0494-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/30/2022 10:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 07/05/2022 15:45

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22F0494-01 A

Preparation Batch: BKG0061 — Sample Size: 20.09 g (wet)

Prepared: 07/05/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.56	pH Units	

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2022 14:16

SO-TC-252B-063022

22F0494-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/30/2022 10:15

Instrument: ICP2 Analyst: SKD — Analyzed: 07/07/2022 00:25

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22F0494-02 A 02

Preparation Batch: BKG0070 — Sample Size: 25 mL (wet)

Prepared: 07/06/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0919	mg/L	J

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2022 14:16

SO-TC-252B-063022

22F0494-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/30/2022 10:15

Instrument: Accumet AB150 Analyst: UW — Analyzed: 07/05/2022 15:45

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22F0494-02 A

Preparation Batch: BKG0061 — Sample Size: 20.01 g (wet)

Prepared: 07/05/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.54	pH Units	

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2022 14:16

SO-TC-252C-063022

22F0494-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/30/2022 10:30

Instrument: ICP2 Analyst: SKD — Analyzed: 07/07/2022 00:31

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22F0494-03 A 02

Preparation Batch: BKG0070 — Sample Size: 25 mL (wet)

Prepared: 07/06/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0468	mg/L	J

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2022 14:16

SO-TC-252C-063022

22F0494-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/30/2022 10:30

Instrument: Accumet AB150 Analyst: UW — Analyzed: 07/05/2022 15:45

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22F0494-03 A

Preparation Batch: BKG0061 — Sample Size: 20.08 g (wet)

Prepared: 07/05/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.53	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2022 14:16

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BKG0070 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BKG0070-BLK1)				Prepared: 06-Jul-2022 Analyzed: 06-Jul-2022 23:56							
Arsenic	0.0285	0.0140	0.250	mg/L							J
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2022 14:16

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BKG0061 - EPA 9045D

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BKG0061-BS1)				Prepared: 05-Jul-2022 Analyzed: 05-Jul-2022 15:45							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Jul-2022 14:16

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2023

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	09-Jul-2022 14:16

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

04 August 2022

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
22G0271	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2022.08.04 08:42:15 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Shelly Fishel, Project Manager

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 22G0271	Turn-around Requested: 3 DAY	Date: 7/18/2022	
ARI Client Company: PERC	Phone: 4253460921	Page: 1 of 1	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 2.5.9
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-253A-071822	07/18/22	14:05	SOIL	1	✔	✔	
SO-TC-253B-071822	07/18/22	14:15	SOIL	1	✔	✔	
SO-TC-253C-071822	07/18/22	14:25	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Roman miller	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/18/2022 16:09	Date & Time: 7/18/22 1604	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2022 08:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-253A-071822	22G0271-01	Solid	15-Jul-2022 14:05	18-Jul-2022 16:04
SO-TC-253B-071822	22G0271-02	Solid	15-Jul-2022 14:15	18-Jul-2022 16:04
SO-TC-253C-071822	22G0271-03	Solid	15-Jul-2022 14:25	18-Jul-2022 16:04

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2022 08:29

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 22G0271

Sample receipt

Samples as listed on the preceding page were received 18-Jul-2022 16:04 under ARI work order 22G0271. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 22G0271 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1604 25.9

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 2565

Cooler Accepted by: Date: 7/18/22 Time: 1604

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:

Was sufficient ice used (if appropriate)? NA YES NO

How were bottles sealed in plastic bags? Individually Grouped Not

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI NA

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 7/18/22 Time: 1611 Labels checked by:

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 22G0271

Cooler#: 1 Temperature(°C): 25.9

Sample ID	Bottle Count	Bottle Type
Sample received above 6°C		

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: [signature] Date: 7/18/22 Time: 1604

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2022 08:29

SO-TC-253A-071822

22G0271-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/15/2022 14:05

Instrument: ICP2 Analyst: MVP — Analyzed: 08/02/2022 17:50

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22G0271-01 A 02

Preparation Batch: BKH0026 — Sample Size: 25 mL (wet)

Prepared: 08/02/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0722	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	10.1	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2022 08:29

SO-TC-253A-071822

22G0271-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/15/2022 14:05

Instrument: Accumet AB150 Analyst: KLD — Analyzed: 07/21/2022 13:42

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22G0271-01 A

Preparation Batch: BKG0445 — Sample Size: 20.48 g (wet)

Prepared: 07/21/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.25	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2022 08:29

SO-TC-253B-071822

22G0271-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/15/2022 14:15

Instrument: ICP2 Analyst: MVP — Analyzed: 08/02/2022 17:53

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22G0271-02 A 02

Preparation Batch: BKH0026 — Sample Size: 25 mL (wet)

Prepared: 08/02/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.491	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2022 08:29

SO-TC-253B-071822

22G0271-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/15/2022 14:15

Instrument: Accumet AB150 Analyst: KLD — Analyzed: 07/21/2022 13:42

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22G0271-02 A

Preparation Batch: BKG0445 — Sample Size: 20.99 g (wet)

Prepared: 07/21/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.30	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2022 08:29

SO-TC-253C-071822

22G0271-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/15/2022 14:25

Instrument: ICP2 Analyst: MVP — Analyzed: 08/02/2022 17:56

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22G0271-03 A 02

Preparation Batch: BKH0026 — Sample Size: 25 mL (wet)

Prepared: 08/02/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0466	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	1.14	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2022 08:29

SO-TC-253C-071822

22G0271-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/15/2022 14:25

Instrument: Accumet AB150 Analyst: KLD — Analyzed: 07/21/2022 13:42

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22G0271-03 A

Preparation Batch: BKG0445 — Sample Size: 20.81 g (wet)

Prepared: 07/21/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.33	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2022 08:29

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BKH0026 - LEN Digestion of EPA 1311 Elutriate

Instrument: ICP2 Analyst: MVP

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BKH0026-BLK1)				Prepared: 02-Aug-2022 Analyzed: 02-Aug-2022 17:37							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2022 08:29

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BKG0445 - EPA 9045D

Instrument: Accumet AB150 Analyst: KLD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BKG0445-BS1)				Prepared: 21-Jul-2022 Analyzed: 21-Jul-2022 13:42							
pH	6.96	0.01	0.01	pH Units	7.00		99.4	99.2-100.8			
Duplicate (BKG0445-DUP1)		**Source: 22G0271-01**		Prepared: 21-Jul-2022 Analyzed: 21-Jul-2022 13:42							
pH	9.28	0.01	0.01	pH Units		9.25			0.32	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2022 08:29

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2023

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Aug-2022 08:29

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants

30 November 2022

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
22K0315	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2022.11.30 20:11:00 -08'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Shelly Fishel, Project Manager

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 220315	Turn-around Requested: 3 DAY	Date: 11/16/2022	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: KING		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	pH 9045C	NWTPH-H CID	NW-TPH-Dx					Notes/Comments
SO-TC-301A-111622	11/16/22	09:40	SOIL	1	✔	✔	✔	✔					
SO-TC-301B-111622	11/16/22	09:50	SOIL	1	✔	✔	✔	✔					
SO-TC-301C-111622	11/16/22	10:00	SOIL	1	✔	✔	✔	✔					

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Trent Emmot	Printed Name:	Printed Name:
	Company: PERC	Company: ARI LLC	Company:	Company:
	Date & Time: 11/16/22 12:59	Date & Time: 11/16/22 12:58	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2022 20:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-301A-111622	22K0315-01	Solid	16-Nov-2022 09:40	16-Nov-2022 12:58
SO-TC-301B-111622	22K0315-02	Solid	16-Nov-2022 09:50	16-Nov-2022 12:58
SO-TC-301C-111622	22K0315-03	Solid	16-Nov-2022 10:00	16-Nov-2022 12:58

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2022 20:04

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 22K0315

Sample receipt

Samples as listed on the preceding page were received 16-Nov-2022 12:58 under ARI work order 22K0315. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Diesel/Heavy Oil Range Organics - WA-Ecology Method NW-TPHDx

The sample(s) were extracted and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The surrogate percent recoveries were within control limits.

The method blank(s) were clean at the reporting limits.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.The matrix spike (MS) percent recoveries were within control limits.

Hydrocarbon Identification (HCID) - WA-Ecology Method NW-HCID

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	30-Nov-2022 20:04

The sample(s) were extracted and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The surrogate percent recoveries were within control limits.

The method blank(s) were clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Sherwin Plastics

COC No(s): _____ (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 22K0315 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 12:58 18.3 ___ ___ ___ ___ ___

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D00 9708

Cooler Accepted by: [signature] Date: 11/16/22 Time: 12:58

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: PEB Date: 11/16/22 Time: 13:07 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 22K0315

Cooler#: _____ **Temperature(°C):** 18.3

Sample ID	Bottle Count	Bottle Type
		All bottles above 6oC

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: [signature] Date: 11/16/22 Time: 12:58

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2022 20:04

SO-TC-301A-111622

22K0315-01 (Solid)

Petroleum Hydrocarbons

Method: NWTPH-Dx — Sampled: 11/16/2022 09:40

Instrument: FID4 Analyst: AA — Analyzed: 11/19/2022 04:35

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 3546 (Microwave) — Extract ID: 22K0315-01 A 02

Preparation Batch: BKK0495 — Sample Size: 10 g (wet) — Dry Weight:8.33 g

Prepared: 11/17/2022 — Final Volume: 10 mL — % Solids: 83.32

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Diesel Range Organics (C12-C24)	DRO	1	60.0	130	mg/kg	
HC ID: DIESEL						
Motor Oil Range Organics (C24-C38)	RRO	1	120	203	mg/kg	
HC ID: MOTOR OIL						
Surrogate: o-Terphenyl			*50-150 %*	*105*	*%*	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2022 20:04

SO-TC-301A-111622

22K0315-01 (Solid)

Petroleum Hydrocarbons

Method: NWTPH-HCID — Sampled: 11/16/2022 09:40

Instrument: FID3 Analyst: AA — Analyzed: 11/18/2022 18:42

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 3580A (Vortex) — Extract ID: 22K0315-01 A 04

Preparation Batch: BKK0494 — Sample Size: 10 g (wet) — Dry Weight:8.33 g

Prepared: 11/17/2022 — Final Volume: 5 mL — % Solids: 83.32

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Gasoline Range Organics (Tol-C12)	GRO	1	12	ND	mg/kg	U
Diesel Range Organics (C12-C24)	DRO	1	30	DET	mg/kg	
HC ID: DIESEL						
Motor Oil Range Organics (C24-C38)	RRO	1	60	DET	mg/kg	
HC ID: MOTOR OIL						
Surrogate: o-Terphenyl			*50-150 %*	*98.7*	*%*	
Surrogate: n-Triacontane			*50-150 %*	*100*	*%*	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2022 20:04

SO-TC-301A-111622

22K0315-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 11/16/2022 09:40

Instrument: ICPMS1 Analyst: MCB — Analyzed: 11/22/2022 00:17

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22K0315-01 A 04

Preparation Batch: BKK0550 — Sample Size: 25 mL (wet)

Prepared: 11/18/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	200	0.006	0.04	0.04	mg/L	J
Lead	7439-92-1	200	0.01	0.02	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2022 20:04

SO-TC-301A-111622

22K0315-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/16/2022 09:40

Instrument: Accumet AB150 Analyst: UW — Analyzed: 11/29/2022 15:15

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22K0315-01 A 04

Preparation Batch: BKK0802 — Sample Size: 20.14 g (wet)

Prepared: 11/29/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.99	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2022 20:04

SO-TC-301B-111622

22K0315-02 (Solid)

Petroleum Hydrocarbons

Method: NWTPH-Dx — Sampled: 11/16/2022 09:50

Instrument: FID4 Analyst: AA — Analyzed: 11/19/2022 04:55

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 3546 (Microwave) — Extract ID: 22K0315-02 A 02

Preparation Batch: BKK0495 — Sample Size: 10.01 g (wet) — Dry Weight:7.73 g

Prepared: 11/17/2022 — Final Volume: 10 mL — % Solids: 77.23

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Diesel Range Organics (C12-C24)	DRO	1	64.7	621	mg/kg	
HC ID: DIESEL						
Motor Oil Range Organics (C24-C38)	RRO	1	129	211	mg/kg	
HC ID: MOTOR OIL						
Surrogate: o-Terphenyl			*50-150 %*	*99.0*	*%*	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2022 20:04

SO-TC-301B-111622

22K0315-02 (Solid)

Petroleum Hydrocarbons

Method: NWTPH-HCID — Sampled: 11/16/2022 09:50

Instrument: FID3 Analyst: AA — Analyzed: 11/18/2022 19:03

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 3580A (Vortex) — Extract ID: 22K0315-02 A 04

Preparation Batch: BKK0494 — Sample Size: 10 g (wet) — Dry Weight:7.72 g

Prepared: 11/17/2022 — Final Volume: 5 mL — % Solids: 77.23

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Gasoline Range Organics (Tol-C12)	GRO	1	13	DET	mg/kg	
HC ID: GRO						
Diesel Range Organics (C12-C24)	DRO	1	32	DET	mg/kg	
HC ID: DIESEL						
Motor Oil Range Organics (C24-C38)	RRO	1	65	DET	mg/kg	
HC ID: MOTOR OIL						
Surrogate: o-Terphenyl			*50-150 %*	*100*	*%*	
Surrogate: n-Triacontane			*50-150 %*	*98.2*	*%*	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2022 20:04

SO-TC-301B-111622

22K0315-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 11/16/2022 09:50

Instrument: ICPMS1 Analyst: MCB — Analyzed: 11/29/2022 00:14

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22K0315-02 A 04

Preparation Batch: BKK0550 — Sample Size: 25 mL (wet)

Prepared: 11/18/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	200	0.006	0.04	0.08	mg/L	
Lead	7439-92-1	200	0.01	0.02	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2022 20:04

SO-TC-301B-111622

22K0315-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/16/2022 09:50

Instrument: Accumet AB150 Analyst: UW — Analyzed: 11/29/2022 15:15

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22K0315-02 A 04

Preparation Batch: BKK0802 — Sample Size: 20.23 g (wet)

Prepared: 11/29/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.83	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2022 20:04

SO-TC-301C-111622

22K0315-03 (Solid)

Petroleum Hydrocarbons

Method: NWTPH-Dx — Sampled: 11/16/2022 10:00

Instrument: FID4 Analyst: AA — Analyzed: 11/19/2022 05:14

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 3546 (Microwave) — Extract ID: 22K0315-03 A 02

Preparation Batch: BKK0495 — Sample Size: 10.01 g (wet) — Dry Weight:7.51 g

Prepared: 11/17/2022 — Final Volume: 10 mL — % Solids: 75.06

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Diesel Range Organics (C12-C24)	DRO	1	66.5	250	mg/kg	
HC ID: DIESEL						
Motor Oil Range Organics (C24-C38)	RRO	1	133	350	mg/kg	
HC ID: MOTOR OIL						
Surrogate: o-Terphenyl			*50-150 %*	*90.5*	*%*	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2022 20:04

SO-TC-301C-111622

22K0315-03 (Solid)

Petroleum Hydrocarbons

Method: NWTPH-HCID — Sampled: 11/16/2022 10:00

Instrument: FID3 Analyst: AA — Analyzed: 11/18/2022 19:24

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 3580A (Vortex) — Extract ID: 22K0315-03 A 04

Preparation Batch: BKK0494 — Sample Size: 10 g (wet) — Dry Weight:7.51 g

Prepared: 11/17/2022 — Final Volume: 5 mL — % Solids: 75.06

Analyte	CAS Number	Dilution	Reporting Limit	Result	Units	Notes
Gasoline Range Organics (Tol-C12)	GRO	1	13	ND	mg/kg	U
Diesel Range Organics (C12-C24)	DRO	1	33	DET	mg/kg	
HC ID: DIESEL						
Motor Oil Range Organics (C24-C38)	RRO	1	67	DET	mg/kg	
HC ID: MOTOR OIL						
Surrogate: o-Terphenyl			*50-150 %*	*108*	*%*	
Surrogate: n-Triacontane			*50-150 %*	*105*	*%*	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2022 20:04

SO-TC-301C-111622

22K0315-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6020B — Sampled: 11/16/2022 10:00

Instrument: ICPMS1 Analyst: MCB — Analyzed: 11/29/2022 00:19

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 22K0315-03 A 04

Preparation Batch: BKK0550 — Sample Size: 25 mL (wet)

Prepared: 11/18/2022 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	200	0.006	0.04	0.07	mg/L	
Lead	7439-92-1	200	0.01	0.02	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2022 20:04

SO-TC-301C-111622

22K0315-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/16/2022 10:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 11/29/2022 15:15

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 22K0315-03 A 04

Preparation Batch: BKK0802 — Sample Size: 20.23 g (wet)

Prepared: 11/29/2022 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.67	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2022 20:04

Analysis by: Analytical Resources, LLC

Petroleum Hydrocarbons - Quality Control

Batch BKK0494 - NWTPH-HCID

Instrument: FID3 Analyst: AA

QC Sample/Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BKK0494-BLK1)				Prepared: 17-Nov-2022 Analyzed: 18-Nov-2022 18:21						
Gasoline Range Organics (Tol-C12)	ND	10	mg/kg							U
Diesel Range Organics (C12-C24)	ND	25	mg/kg							U
Motor Oil Range Organics (C24-C38)	ND	50	mg/kg							U
Surrogate: o-Terphenyl	11.7		mg/kg	*11.3*		*104*	*50-150*			
Surrogate: n-Triacontane	13.3		mg/kg	*11.3*		*118*	*50-150*			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2022 20:04

Analysis by: Analytical Resources, LLC

Petroleum Hydrocarbons - Quality Control

Batch BKK0495 - NWTPH-Dx

Instrument: FID4 Analyst: AA

QC Sample/Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BKK0495-BLK1)				Prepared: 17-Nov-2022 Analyzed: 19-Nov-2022 03:56						
Diesel Range Organics (C12-C24)	ND	50.0	mg/kg							U
Motor Oil Range Organics (C24-C38)	ND	100	mg/kg							U
Surrogate: o-Terphenyl	64.5		mg/kg	*56.3*		*115*	*50-150*			
LCS (BKK0495-BS1)				Prepared: 17-Nov-2022 Analyzed: 19-Nov-2022 04:15						
Diesel Range Organics (C12-C24)	1480	50.0	mg/kg	1500		98.6	63-120			
Surrogate: o-Terphenyl	61.4		mg/kg	*56.3*		*109*	*50-150*			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2022 20:04

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BKK0550 - EPA 6010D

Instrument: ICP3 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BKK0550-BLK2)				Prepared: 18-Nov-2022 Analyzed: 29-Nov-2022 20:33							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

Instrument: ICPMS1 Analyst: MCB

QC Sample/Analyte	Isotope	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BKK0550-BLK1)					Prepared: 18-Nov-2022 Analyzed: 22-Nov-2022 00:14							
Arsenic	75a	ND	0.006	0.04	mg/L							U
Lead	208	ND	0.01	0.02	mg/L							U
Duplicate (BKK0550-DUP1)			**Source: 22K0315-01**		Prepared: 18-Nov-2022 Analyzed: 22-Nov-2022 00:21							
Arsenic	75a	0.04	0.006	0.04	mg/L		0.04			5.43	20	J
Lead	208	ND	0.01	0.02	mg/L		ND					U
Matrix Spike (BKK0550-MS1)			**Source: 22K0315-01**		Prepared: 18-Nov-2022 Analyzed: 22-Nov-2022 00:25							
Arsenic	75a	4.05	0.006	0.04	mg/L	4.00	0.04	100	75-125			
Lead	208	4.14	0.01	0.02	mg/L	4.00	ND	103	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2022 20:04

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BKK0802 - EPA 9045D

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BKK0802-BS1)				Prepared: 29-Nov-2022 Analyzed: 29-Nov-2022 15:15							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			
Duplicate (BKK0802-DUP1)		**Source: 22K0315-01**		Prepared: 29-Nov-2022 Analyzed: 29-Nov-2022 15:15							
pH	10.0	0.01	0.01	pH Units		9.99			0.20	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2022 20:04

Certified Analyses included in this Report

Analyte	Certifications
EPA 6020B in Solid	
Arsenic-75a	ADEC,DoD-ELAP,WADOE,NELAP
Arsenic-75b	ADEC,DoD-ELAP,WADOE
Lead-208	NELAP,DoD-ELAP,WADOE,ADEC
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP
NWTPH-Dx in Solid	
Diesel Range Organics (C12-C24)	DoD-ELAP,NELAP,WADOE
Diesel Range Organics (C10-C25)	DoD-ELAP,NELAP,WADOE
Diesel Range Organics (Tol-C18)	DoD-ELAP,NELAP,WADOE
Diesel Range Organics (C10-C24)	DoD-ELAP,NELAP,WADOE
Diesel Range Organics (C10-C28)	DoD-ELAP,NELAP,WADOE
Diesel Range Organics (C12-C22)	DoD-ELAP
Diesel Range Organics (C12-C25)	DoD-ELAP
Motor Oil Range Organics (C24-C38)	DoD-ELAP,NELAP,WADOE
Motor Oil Range Organics (C25-C36)	DoD-ELAP,NELAP,WADOE
Motor Oil Range Organics (C24-C40)	DoD-ELAP,NELAP,WADOE
Residual Range Organics (C23-C32)	DoD-ELAP
Mineral Oil Range Organics (C16-C28)	DoD-ELAP,NELAP,WADOE
Mineral Spirits Range Organics (Tol-C12)	DoD-ELAP,NELAP,WADOE
JP8 Range Organics (C8-C18)	DoD-ELAP,NELAP,WADOE
JP5 Range Organics (C10-C16)	DoD-ELAP,NELAP,WADOE
JP4 Range Organics (Tol-C14)	DoD-ELAP,NELAP,WADOE
Jet-A Range Organics (C10-C18)	DoD-ELAP,NELAP,WADOE
Kerosene Range Organics (Tol-C18)	DoD-ELAP,NELAP,WADOE
Stoddard Range Organics (C8-C12)	DoD-ELAP,NELAP,WADOE
Creosote Range Organics (C12-C22)	DoD-ELAP,NELAP,WADOE
Bunker C Range Organics (C10-C38)	DoD-ELAP,NELAP,WADOE
Transformer Oil Range Organics (C12-C28)	DoD-ELAP,NELAP,WADOE
NWTPH-HCID in Solid	
Gasoline Range Organics (Tol-C12)	NELAP,DoD-ELAP,WADOE
Diesel Range Organics (C12-C24)	NELAP,DoD-ELAP,WADOE
Motor Oil Range Organics (C24-C38)	NELAP,DoD-ELAP,WADOE

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	30-Nov-2022 20:04

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program	66169	02/28/2023
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2023
WADOE	WA Dept of Ecology	C558	06/30/2023
WA-DW	Ecology - Drinking Water	C558	06/30/2023

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Nov-2022 20:04

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
NRS	This surrogate not reported due to chromatographic interference
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

21 April 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23D0239	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2023.04.21 09:57:47 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 23D0239	Turn-around Requested: 3 Day	Date: 4/11/2023	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers: 8	Cooler Temps: 18.6
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-302A-041123	04/11/23	12:40	SOIL	1	✔	✔							
SO-TC-302B-041123	04/11/23	12:50	SOIL	1	✔	✔							
SO-TC-302C-041123	04/11/23	13:00	SOIL	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jacob Hall	Printed Name:	Printed Name:
	Company: PERC	Company: AR, LLC	Company:	Company:
	Date & Time: 4/11/23 16:37	Date & Time: 04/11/23 1637	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2023 09:56

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-302A-041123	23D0239-01	Solid	11-Apr-2023 12:40	11-Apr-2023 16:37
SO-TC-302B-041123	23D0239-02	Solid	11-Apr-2023 12:50	11-Apr-2023 16:37
SO-TC-302C-041123	23D0239-03	Solid	11-Apr-2023 13:00	11-Apr-2023 16:37

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2023 09:56

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 23D0239

Sample receipt

Samples as listed on the preceding page were received 11-Apr-2023 16:37 under ARI work order 23D0239. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

The the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Sperian Plastics

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 23D0239

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1637 18.6 ____ ____ ____ ____

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 7a@97a8

Cooler Accepted by: JT Date: 04/11/23 Time: 1637

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)	_____	

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: M Date: 4/11/23 Time: 1641 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 23D0239

Cooler#: _____ **Temperature(°C):** 18.6

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 04/11/23 Time: 1637

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2023 09:56

SO-TC-302A-041123

23D0239-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/11/2023 12:40

Instrument: ICP3 Analyst: SKD — Analyzed: 04/19/2023 15:57

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23D0239-01 A 02

Preparation Batch: BLD0386 — Sample Size: 25 mL (wet)

Prepared: 04/15/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.105	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0070	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2023 09:56

SO-TC-302A-041123

23D0239-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/11/2023 12:40

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/19/2023 13:20

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 23D0239-01 A 02

Preparation Batch: BLD0501 — Sample Size: 20 g (wet)

Prepared: 04/19/2023 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	11.7	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2023 09:56

SO-TC-302B-041123

23D0239-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/11/2023 12:50

Instrument: ICP3 Analyst: SKD — Analyzed: 04/19/2023 15:51

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23D0239-02 A 02

Preparation Batch: BLD0386 — Sample Size: 25 mL (wet)

Prepared: 04/15/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.167	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2023 09:56

SO-TC-302B-041123

23D0239-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/11/2023 12:50

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/19/2023 13:20

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 23D0239-02 A 02

Preparation Batch: BLD0501 — Sample Size: 20 g (wet)

Prepared: 04/19/2023 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	11.7	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2023 09:56

SO-TC-302C-041123

23D0239-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/11/2023 13:00

Instrument: ICP3 Analyst: SKD — Analyzed: 04/19/2023 15:54

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23D0239-03 A 02

Preparation Batch: BLD0386 — Sample Size: 25 mL (wet)

Prepared: 04/15/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.144	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2023 09:56

SO-TC-302C-041123

23D0239-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/11/2023 13:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 04/19/2023 13:20

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 23D0239-03 A 02

Preparation Batch: BLD0501 — Sample Size: 20 g (wet)

Prepared: 04/19/2023 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	12.0	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2023 09:56

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLD0386 - EPA 6010D

Instrument: ICP3 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLD0386-BLK1)				Prepared: 14-Apr-2023 Analyzed: 19-Apr-2023 15:37							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BLD0386-DUP1)		**Source: 23D0239-01**		Prepared: 14-Apr-2023 Analyzed: 19-Apr-2023 16:00							
Arsenic	0.123	0.0140	0.250	mg/L		0.105			15.40	20	J
Lead	ND	0.0065	0.100	mg/L		0.0070					U
Matrix Spike (BLD0386-MS1)		**Source: 23D0239-01**		Prepared: 14-Apr-2023 Analyzed: 19-Apr-2023 16:03							
Arsenic	4.28	0.0140	0.250	mg/L	4.00	0.105	104	75-125			
Lead	3.96	0.0065	0.100	mg/L	4.00	0.0070	98.8	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2023 09:56

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BLD0501 - EPA 9045D

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BLD0501-BS1)				Prepared: 19-Apr-2023 Analyzed: 19-Apr-2023 13:20							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			
Duplicate (BLD0501-DUP1)		**Source: 23D0239-01**		Prepared: 19-Apr-2023 Analyzed: 19-Apr-2023 13:20							
pH	11.8	0.01	0.01	pH Units		11.7			0.43	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2023 09:56

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2023
WADOE	WA Dept of Ecology	C558	06/30/2023
WA-DW	Ecology - Drinking Water	C558	06/30/2023

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Apr-2023 09:56

Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

27 March 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23C0399	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2023.03.27 20:09:11 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 23C0399	Turn-around Requested: 3 Day	Date: 3/16/2023	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps: 21.7
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-305A-031623	03/16/23	13:00	Soil	1	✔	✔							
SO-TC-305B-031623	03/16/23	13:15	Soil	1	✔	✔							
SO-TC-305C-031623	03/16/23	13:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Phillip Bates	Printed Name:	Printed Name:
	Company: PERC	Company: AR	Company:	Company:
	Date & Time: 3/16/23 16:42	Date & Time: 3/16/23 16:42	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Mar-2023 20:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-305A-031623	23C0399-01	Solid	16-Mar-2023 13:00	16-Mar-2023 16:42
SO-TC-305B-031623	23C0399-02	Solid	16-Mar-2023 13:15	16-Mar-2023 16:42
SO-TC-305C-031623	23C0399-03	Solid	16-Mar-2023 13:30	16-Mar-2023 16:42

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Mar-2023 20:06

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 23C0399

Sample receipt

Samples as listed on the preceding page were received 16-Mar-2023 16:42 under ARI work order 23C0399. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 23C0399

Cooler#: _____ **Temperature(°C):** 2, 2

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: PLB Date: 3/16/23 Time: 16:42

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PSTC
Project Name: Superior Plastics
COC No(s): _____ NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____
Assigned ARI Job No: 23C0399
Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 16:42 — 21.7

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: 100709

Cooler Accepted by: IB Date: 3/16/23 Time: 16:42

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA	_____	

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: [illegible] Date: 3/16/23 Time: 1652 Labels checked by: _____

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 23C0399

Cooler#: _____ **Temperature(°C):** 2.2

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: PEB Date: 3/16/23 Time: 16:42

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Mar-2023 20:06

SO-TC-305A-031623

23C0399-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/16/2023 13:00

Instrument: ICP3 Analyst: DOE — Analyzed: 03/27/2023 12:35

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23C0399-01 A 01

Preparation Batch: BLC0616 — Sample Size: 25 mL (wet)

Prepared: 03/23/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.308	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Mar-2023 20:06

SO-TC-305A-031623

23C0399-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/16/2023 13:00

Instrument: Accumet AB150 Analyst: UW — Analyzed: 03/17/2023 15:00

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23C0399-01 A

Preparation Batch: BLC0474 — Sample Size: 20 g (wet)

Prepared: 03/17/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	12.4	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Mar-2023 20:06

SO-TC-305B-031623

23C0399-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/16/2023 13:15

Instrument: ICP3 Analyst: DOE — Analyzed: 03/27/2023 12:38

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23C0399-02 A 01

Preparation Batch: BLC0616 — Sample Size: 25 mL (wet)

Prepared: 03/23/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.330	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Mar-2023 20:06

SO-TC-305B-031623

23C0399-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/16/2023 13:15

Instrument: Accumet AB150 Analyst: UW — Analyzed: 03/17/2023 15:00

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23C0399-02 A

Preparation Batch: BLC0474 — Sample Size: 20 g (wet)

Prepared: 03/17/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	12.4	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Mar-2023 20:06

SO-TC-305C-031623

23C0399-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 03/16/2023 13:30

Instrument: ICP3 Analyst: DOE — Analyzed: 03/27/2023 12:41

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23C0399-03 A 01

Preparation Batch: BLC0616 — Sample Size: 25 mL (wet)

Prepared: 03/23/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.296	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Mar-2023 20:06

SO-TC-305C-031623

23C0399-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 03/16/2023 13:30

Instrument: Accumet AB150 Analyst: UW — Analyzed: 03/17/2023 15:00

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23C0399-03 A

Preparation Batch: BLC0474 — Sample Size: 20 g (wet)

Prepared: 03/17/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	12.4	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Mar-2023 20:06

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLC0616 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLC0616-BLK1)					Prepared: 23-Mar-2023 Analyzed: 27-Mar-2023 11:14						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Mar-2023 20:06

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BLC0474 - EPA 9045D

Instrument: Accumet AB150 Analyst: UW

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BLC0474-BS1)				Prepared: 17-Mar-2023 Analyzed: 17-Mar-2023 15:00							
pH	6.96	0.01	0.01	pH Units	7.00		99.4	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Mar-2023 20:06

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2023
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2023
WADOE	WA Dept of Ecology	C558	06/30/2023
WA-DW	Ecology - Drinking Water	C558	06/30/2023

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Mar-2023 20:06

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

5500 4th Avenue South
Seattle, WA 98108
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

May 3, 2023

Kenny King, Project Manager
Pacific Environmental and Redevelopment Corporation
8424 E Meadow Lake Drive
Snohomish, WA 98290

Dear Mr King:

Included are the results from the testing of material submitted on May 2, 2023 from the Superlon Plastics, F&BI 305034 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Jeff King (PRC), Kim Oliva-Membreno (PRC)
PRC0503R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on May 2, 2023 by Friedman & Bruya, Inc. from the Pacific Environmental and Redevelopment Corporation Superlon Plastics, F&BI 305034 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Pacific Environmental and Redevelopment Corporation
305034 -01	SO-TC-310A-050123
305034 -02	SO-TC-310B-050123
305034 -03	SO-TC-310C-050123

All quality control requirements were acceptable.

Date of Report: 05/03/23
Date Received: 05/02/23
Project: Superlon Plastics, F&BI 305034
Date Extracted: 05/02/23
Date Analyzed: 05/02/23

RESULTS FROM THE ANALYSIS OF SOIL/SOLID SAMPLES FOR pH USING EPA METHOD 9045D

Sample ID Laboratory ID	pH
SO-TC-310A-050123 305034-01	12.3
SO-TC-310B-050123 305034-02	12.0
SO-TC-310C-050123 305034-03	11.9

* Due to the high pH of the samples, the result provided by this test method may be biased low.

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-310A-050123	Client:	PERC
Date Received:	05/02/23	Project:	Superlon Plastics, F&BI 305034
Date Extracted:	05/02/23	Lab ID:	305034-01
Date Analyzed:	05/03/23	Data File:	305034-01.047
Matrix:	Soil/Solid	Instrument:	ICPMS2
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-310B-050123	Client:	PERC
Date Received:	05/02/23	Project:	Superlon Plastics, F&BI 305034
Date Extracted:	05/02/23	Lab ID:	305034-02
Date Analyzed:	05/03/23	Data File:	305034-02.048
Matrix:	Soil/Solid	Instrument:	ICPMS2
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-310C-050123	Client:	PERC
Date Received:	05/02/23	Project:	Superlon Plastics, F&BI 305034
Date Extracted:	05/02/23	Lab ID:	305034-03
Date Analyzed:	05/03/23	Data File:	305034-03.049
Matrix:	Soil/Solid	Instrument:	ICPMS2
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	Method Blank	Client:	PERC
Date Received:	NA	Project:	Superlon Plastics, F&BI 305034
Date Extracted:	05/02/23	Lab ID:	I3-344 mb
Date Analyzed:	05/03/23	Data File:	I3-344 mb.040
Matrix:	Soil/Solid	Instrument:	ICPMS2
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Date of Report: 05/03/23
Date Received: 05/02/23
Project: Superlon Plastics, F&BI 305034

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL/SOLID SAMPLES FOR pH BY METHOD 9045D

Laboratory Code: 305034-03 (Duplicate)

Analyte	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
pH	12.3	12.3	0	0-20

Date of Report: 05/03/23
Date Received: 05/02/23
Project: Superlon Plastics, F&BI 305034

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL/SOLID SAMPLES FOR TCLP METALS USING EPA METHODS 6020B AND 1311

Laboratory Code: 305035-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/L (ppm)	1.0	<1	92	96	75-125	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/L (ppm)	1.0	91	80-120

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria, biased high; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the standard reporting limit. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

305034

SAMPLE CHAIN OF CUSTODY

05/02/23 N4

Page # _____ of _____

Report To Kenny King

Company PERC

Address 8424 E Meadow Lake Drive

City, State, ZIP Snohomish, WA 98290

Phone (425) 346-0921 Email KKing@perc-nw.com

SAMPLERS (*signature*)

PROJECT NAME: Superlon Plastics

PO #

REMARKS

Project Specific RLs - Yes / No

INVOICE TO

TURNAROUND TIME

Standard Turnaround

X RUSH 24 h per KK 5/2/23 MS

Rush charges authorized by:

SAMPLE DISPOSAL

Dispose after 30 days

Archive Samples

Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	ANALYSES REQUESTED: NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	TCLP 1311 As/Pb Only	pH 9045C				Notes
SO-TC-310A-050123	01	5/1/23	13:00	Soil	1							✓	✓				
SO-TC-310B-050123	02	5/1/23	13:10	Soil	1							✓	✓				
SO-TC-310C-050123	03	5/1/23	13:20	Soil	1							✓	✓				
													Samples received at 20 °C				

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Kenny King	Kenny King	PERC	5/2/23	12:18
Received by:	VINH	FBI	5-2-23	12:18
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

5500 4th Avenue South
Seattle, WA 98108
(206) 285-8282
fbi@isomedia.com
www.friedmanandbruya.com

May 3, 2023

Kenny King, Project Manager
Pacific Environmental and Redevelopment Corporation
8424 E Meadow Lake Drive
Snohomish, WA 98290

Dear Mr King:

Included are the results from the testing of material submitted on May 2, 2023 from the Superlon Plastics, F&BI 305035 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Jeff King (PRC), Kim Oliva-Membreno (PRC)
PRC0503R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on May 2, 2023 by Friedman & Bruya, Inc. from the Pacific Environmental and Redevelopment Corporation Superlon Plastics, F&BI 305035 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Pacific Environmental and Redevelopment Corporation
305035 -01	SO-TC-311A-050223
305035 -02	SO-TC-311B-050223
305035 -03	SO-TC-311C-050223

All quality control requirements were acceptable.

Date of Report: 05/03/23
Date Received: 05/02/23
Project: Superlon Plastics, F&BI 305035
Date Extracted: 05/02/23
Date Analyzed: 05/02/23

RESULTS FROM THE ANALYSIS OF SOIL/SOLID SAMPLES FOR pH USING EPA METHOD 9045D

Sample ID Laboratory ID	pH
SO-TC-311A-050223 305035-01	12.3
SO-TC-311B-050223 305035-02	12.2
SO-TC-311C-050223 305035-03	12.3

* Due to the high pH of the samples, the result provided by this test method may be biased low.

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-311A-050223	Client:	PERC
Date Received:	05/02/23	Project:	Superlon Plastics, F&BI 305035
Date Extracted:	05/02/23	Lab ID:	305035-01
Date Analyzed:	05/03/23	Data File:	305035-01.042
Matrix:	Soil/Solid	Instrument:	ICPMS2
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-311B-050223	Client:	PERC
Date Received:	05/02/23	Project:	Superlon Plastics, F&BI 305035
Date Extracted:	05/02/23	Lab ID:	305035-02
Date Analyzed:	05/03/23	Data File:	305035-02.045
Matrix:	Soil/Solid	Instrument:	ICPMS2
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-311C-050223	Client:	PERC
Date Received:	05/02/23	Project:	Superlon Plastics, F&BI 305035
Date Extracted:	05/02/23	Lab ID:	305035-03
Date Analyzed:	05/03/23	Data File:	305035-03.046
Matrix:	Soil/Solid	Instrument:	ICPMS2
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	Method Blank	Client:	PERC
Date Received:	NA	Project:	Superlon Plastics, F&BI 305035
Date Extracted:	05/02/23	Lab ID:	I3-344 mb
Date Analyzed:	05/03/23	Data File:	I3-344 mb.040
Matrix:	Soil/Solid	Instrument:	ICPMS2
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Date of Report: 05/03/23
Date Received: 05/02/23
Project: Superlon Plastics, F&BI 305035

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL/SOLID SAMPLES FOR pH BY METHOD 9045D

Laboratory Code: 305035-03 (Duplicate)

Analyte	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
pH	12.3	12.3	0	0-20

Date of Report: 05/03/23
Date Received: 05/02/23
Project: Superlon Plastics, F&BI 305035

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL/SOLID SAMPLES FOR TCLP METALS USING EPA METHODS 6020B AND 1311

Laboratory Code: 305035-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/L (ppm)	1.0	<1	92	96	75-125	4

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/L (ppm)	1.0	91	80-120

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria, biased high; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

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ip - Recovery fell outside of control limits due to sample matrix effects.

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lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

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pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

305035

SAMPLE CHAIN OF CUSTODY

05/02/23 N4

Page # _____ of _____

Report To Kenny King

Company PERC

Address 8424 E Meadow Lake Drive

City, State, ZIP Snohomish, WA 98290

Phone (425) 346-0921 Email KKing@perc-nw.com

SAMPLERS (*signature*)

PROJECT NAME: Superion Plastics

PO #

REMARKS

INVOICE TO

Project Specific RLs - Yes / No

TURNAROUND TIME
- Standard Turnaround
- X RUSH 24h per KK 5/2/23 MC

Rush charges authorized by:

SAMPLE DISPOSAL
- Dispose after 30 days
- Archive Samples
- Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	TCLP 1311 As/Pb Only	pH 9045C				Notes
SO-TC-311A-050223	01	5/2/23	8:40	Soil	1							✓	✓				
SO-TC-311B-050223	02	5/2/23	8:50	Soil	1							✓	✓				
SO-TC-311C-050223	03	5/2/23	9:00	Soil	1							✓	✓				
													Samples received at 20 °C				

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Kenny King	Kenny King	PERC	5/2/23	12:18
Received by:	VINA	FBI	5-2-23	12:18
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
3012 16th Avenue West
Seattle, WA 98119-2029
Ph. (206) 285-8282

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

01 June 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23E0528	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2023.06.01 17:43:49 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 23E0528	Turn-around Requested: 3 Day	Date: 5/23/2023	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-315A-052323	05/23/23	11:00	SOIL	1	✔	✔	
SO-TC-315B-052323	05/23/23	11:10	SOIL	1	✔	✔	
SO-TC-315C-052323	05/23/23	11:20	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	5/23/23 15:55		Kevin Cruz	ARLLC	15:55 05232023								

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-315A-052323	23E0528-01	Solid	22-May-2023 11:00	23-May-2023 15:55
SO-TC-315B-052323	23E0528-02	Solid	22-May-2023 11:10	23-May-2023 15:55
SO-TC-315C-052323	23E0528-03	Solid	22-May-2023 11:20	23-May-2023 15:55

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:40

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 23E0528

Sample receipt

Samples as listed on the preceding page were received 23-May-2023 15:55 under ARI work order 23E0528. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

SUPERLON PLASTICS

ARI Client: PERG, Kelly King KFC 05232023 Project Name: Superlon Plastics 05232023

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 23E0528 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 15:55 25.6 ____ ____ ____ ____ ____

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: K009117

Cooler Accepted by: KFC Date: 05232023 Time: 15:55

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: MD Date: 05/23/23 Time: _____ Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 23E0528

Cooler#: 1 **Temperature(°C):** 25.6

Sample ID	Bottle Count	Bottle Type
Samples Above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: KFC Date: 05232023 Time: 15:55

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:40

SO-TC-315A-052323

23E0528-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/22/2023 11:00

Instrument: ICP3 Analyst: DOE — Analyzed: 05/31/2023 09:01

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23E0528-01 A 02

Preparation Batch: BLE0733 — Sample Size: 25 mL (wet)

Prepared: 05/25/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0635	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	1.15	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:40

SO-TC-315A-052323

23E0528-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/22/2023 11:00

Instrument: Accumet AB150 Analyst: HAL — Analyzed: 05/24/2023 14:47

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23E0528-01 A

Preparation Batch: BLE0706 — Sample Size: 20.88 g (wet)

Prepared: 05/24/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.97	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:40

SO-TC-315B-052323

23E0528-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/22/2023 11:10

Instrument: ICP3 Analyst: DOE — Analyzed: 05/31/2023 09:04

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23E0528-02 A 02

Preparation Batch: BLE0733 — Sample Size: 25 mL (wet)

Prepared: 05/25/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:40

SO-TC-315B-052323

23E0528-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/22/2023 11:10

Instrument: Accumet AB150 Analyst: HAL — Analyzed: 05/24/2023 14:47

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23E0528-02 A

Preparation Batch: BLE0706 — Sample Size: 20.71 g (wet)

Prepared: 05/24/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.74	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:40

SO-TC-315C-052323

23E0528-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/22/2023 11:20

Instrument: ICP3 Analyst: DOE — Analyzed: 05/30/2023 08:41

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23E0528-03 A 02

Preparation Batch: BLE0735 — Sample Size: 25 mL (wet)

Prepared: 05/25/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0215	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:40

SO-TC-315C-052323

23E0528-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/22/2023 11:20

Instrument: Accumet AB150 Analyst: HAL — Analyzed: 05/24/2023 14:47

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23E0528-03 A

Preparation Batch: BLE0706 — Sample Size: 20.62 g (wet)

Prepared: 05/24/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	12.4	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:40

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLE0733 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLE0733-BLK1)					Prepared: 25-May-2023 Analyzed: 31-May-2023 08:34						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:40

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLE0735 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLE0735-BLK1)				Prepared: 25-May-2023 Analyzed: 30-May-2023 08:35							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BLE0735-DUP1)		**Source: 23E0528-03**		Prepared: 25-May-2023 Analyzed: 30-May-2023 08:46							
Arsenic	0.0210	0.0140	0.250	mg/L		0.0215			2.35	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BLE0735-MS1)		**Source: 23E0528-03**		Prepared: 25-May-2023 Analyzed: 30-May-2023 08:48							
Arsenic	4.36	0.0140	0.250	mg/L	4.00	0.0215	109	75-125			
Lead	4.19	0.0065	0.100	mg/L	4.00	ND	105	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:40

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BLE0706 - EPA 9045D

Instrument: Accumet AB150 Analyst: HAL

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BLE0706-BS1)				Prepared: 24-May-2023 Analyzed: 24-May-2023 14:47							
pH	7.01	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:40

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2023
WA-DW	Ecology - Drinking Water	C558	06/30/2023

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	01-Jun-2023 17:40

Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
D	The reported value is from a dilution
H	Hold time violation - Hold time was exceeded.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

01 June 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23E0539	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2023.06.01 17:50:38 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

ARI Assigned Number: 23E0539	Turn-around Requested: 3 Day
ARI Client Company: PERC	Phone: 4253460921
Client Contact: Kenny King	
Client Project Name: Superlon Plastics	
Client Project #: SLON	Samplers: King

Date: 5/24/2023
Page: of
No. of Coolers: Cooler Temps:

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-316A-052423	05/24/23	10:50	SOIL	1	✔	✔	
SO-TC-316B-052423	05/24/23	11:00	SOIL	1	✔	✔	
SO-TC-316C-052423	05/24/23	11:10	SOIL	1	✔	✔	

Comments/Special Instructions

Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
Printed Name: JEFF KING	Printed Name: Ellis Reynolds	Printed Name:	Printed Name:
Company: PERC	Company: ARLCC	Company:	Company:
Date & Time: 5/24/23 1:16	Date & Time: 5/24/23 13:16	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:49

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-316A-052423	23E0539-01	Solid	24-May-2023 10:50	24-May-2023 13:16
SO-TC-316B-052423	23E0539-02	Solid	24-May-2023 11:00	24-May-2023 13:16
SO-TC-316C-052423	23E0539-03	Solid	24-May-2023 11:10	24-May-2023 13:16

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:49

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 23E0539

Sample receipt

Samples as listed on the preceding page were received 24-May-2023 13:16 under ARI work order 23E0539. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC — Project Name: Superlon Plastics

COC No(s): _____ (NA) — Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 23E0539 — Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 13:16 — 24.3

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: 120973B

Cooler Accepted by: EL — Date: May 24/23 — Time: 13:16

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)	_____	

Were the sample(s) split by ARI? (NA) YES — Date/Time: _____ — Equipment: _____ — Split by: _____

Samples Logged by: MD — Date: 05/24/23 — Time: 14:17 — Labels checked by: MD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

JMD 05/24/23

ARI Work Order: ~~230~~ 23E0539

Cooler#: 1 Temperature(°C):

Sample ID	Bottle Count	Bottle Type
Samples Received >6.0°C		

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: EL Date: May 24/23 Time: 13:16

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:49

SO-TC-316A-052423

23E0539-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/24/2023 10:50

Instrument: ICP3 Analyst: DOE — Analyzed: 05/30/2023 11:07

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23E0539-01 A 02

Preparation Batch: BLE0766 — Sample Size: 25 mL (wet)

Prepared: 05/26/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0325	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:49

SO-TC-316A-052423

23E0539-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/24/2023 10:50

Instrument: Accumet AB150 Analyst: HAL — Analyzed: 05/31/2023 15:28

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23E0539-01 A 02

Preparation Batch: BLE0849 — Sample Size: 20.41 g (wet)

Prepared: 05/31/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	12.1	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:49

SO-TC-316B-052423

23E0539-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/24/2023 11:00

Instrument: ICP3 Analyst: DOE — Analyzed: 05/30/2023 11:57

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23E0539-02 A 02

Preparation Batch: BLE0764 — Sample Size: 25 mL (wet)

Prepared: 05/26/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0320	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:49

SO-TC-316B-052423

23E0539-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/24/2023 11:00

Instrument: Accumet AB150 Analyst: HAL — Analyzed: 05/31/2023 15:28

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23E0539-02 A 02

Preparation Batch: BLE0849 — Sample Size: 20.49 g (wet)

Prepared: 05/31/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	10.6	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:49

SO-TC-316C-052423

23E0539-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/24/2023 11:10

Instrument: ICP3 Analyst: DOE — Analyzed: 05/30/2023 12:00

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23E0539-03 A 02

Preparation Batch: BLE0764 — Sample Size: 25 mL (wet)

Prepared: 05/26/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0695	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:49

SO-TC-316C-052423

23E0539-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/24/2023 11:10

Instrument: Accumet AB150 Analyst: HAL — Analyzed: 05/31/2023 15:28

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23E0539-03 A 02

Preparation Batch: BLE0849 — Sample Size: 20.31 g (wet)

Prepared: 05/31/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.55	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:49

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLE0764 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLE0764-BLK1)					Prepared: 26-May-2023 Analyzed: 30-May-2023 11:02						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:49

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLE0766 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLE0766-BLK1)				Prepared: 26-May-2023 Analyzed: 30-May-2023 11:05							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BLE0766-DUP1)		**Source: 23E0539-01**		Prepared: 26-May-2023 Analyzed: 30-May-2023 11:10							
Arsenic	0.0275	0.0140	0.250	mg/L		0.0325			16.70	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BLE0766-MS1)		**Source: 23E0539-01**		Prepared: 26-May-2023 Analyzed: 30-May-2023 11:13							
Arsenic	4.60	0.0140	0.250	mg/L	4.00	0.0325	114	75-125			
Lead	4.45	0.0065	0.100	mg/L	4.00	ND	111	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:49

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BLE0849 - EPA 9045D

Instrument: Accumet AB150 Analyst: HAL

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BLE0849-BS1)				Prepared: 31-May-2023 Analyzed: 31-May-2023 15:28							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			
Duplicate (BLE0849-DUP1)		**Source: 23E0539-01**		Prepared: 31-May-2023 Analyzed: 31-May-2023 15:28							
pH	12.1	0.01	0.01	pH Units		12.1			0.08	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:49

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2023
WA-DW	Ecology - Drinking Water	C558	06/30/2023

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	01-Jun-2023 17:49

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
H	Hold time violation - Hold time was exceeded.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

10 June 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23E0637	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2023.06.10 08:59:31 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 23E0637	Turn-around Requested: 3 Day	Date: 5/30/2023	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers: 2	Cooler Temps: 24.2
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-317A-053023	05/30/23	09:10	SOIL	1	✔	✔							
SO-TC-317B-053023	05/30/23	09:20	SOIL	1	✔	✔							
SO-TC-317C-053023	05/30/23	09:30	SOIL	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Isaac Shealter	Printed Name:	Printed Name:
	Company: PERC	Company: AR, LLC	Company:	Company:
	Date & Time: 5/30/23 1617	Date & Time: 05/30/23 1617	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 08:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-317A-053023	23E0637-01	Solid	30-May-2023 09:10	30-May-2023 16:17
SO-TC-317B-053023	23E0637-02	Solid	30-May-2023 09:20	30-May-2023 16:17
SO-TC-317C-053023	23E0637-03	Solid	30-May-2023 09:30	30-May-2023 16:17

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 08:53

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 23E0637

Sample receipt

Samples as listed on the preceding page were received 30-May-2023 16:17 under ARI work order 23E0637. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superior Plastics
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other:
Assigned ARI Job No: 23E0637
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1617 — 24.0

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: IR@9ZAF

Cooler Accepted by: JG Date: 05/30/23 Time: 1617

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: MD Date: 05/30/23 Time: 1626 Labels checked by: MD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 23E0637

Cooler#: _____ **Temperature(°C):** 24.2

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JG Date: 05/26/23 Time: 1617

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 08:53

SO-TC-317A-053023

23E0637-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/30/2023 09:10

Instrument: ICP3 Analyst: SKD — Analyzed: 06/07/2023 16:07

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23E0637-01 A 02

Preparation Batch: BLF0128 — Sample Size: 25 mL (wet)

Prepared: 06/06/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0170	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 08:53

SO-TC-317A-053023

23E0637-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/30/2023 09:10

Instrument: Accumet AB150 Analyst: HAL — Analyzed: 05/31/2023 15:28

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23E0637-01 A

Preparation Batch: BLE0849 — Sample Size: 20.35 g (wet)

Prepared: 05/31/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	12.0	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 08:53

SO-TC-317B-053023

23E0637-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/30/2023 09:20

Instrument: ICP3 Analyst: SKD — Analyzed: 06/07/2023 15:51

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23E0637-02 A 02

Preparation Batch: BLF0128 — Sample Size: 25 mL (wet)

Prepared: 06/06/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0110	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 08:53

SO-TC-317B-053023

23E0637-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/30/2023 09:20

Instrument: Accumet AB150 Analyst: HAL — Analyzed: 05/31/2023 15:28

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23E0637-02 A

Preparation Batch: BLE0849 — Sample Size: 20.57 g (wet)

Prepared: 05/31/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	12.1	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 08:53

SO-TC-317C-053023

23E0637-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/30/2023 09:30

Instrument: ICP3 Analyst: SKD — Analyzed: 06/07/2023 15:55

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23E0637-03 A 02

Preparation Batch: BLF0128 — Sample Size: 25 mL (wet)

Prepared: 06/06/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0180	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 08:53

SO-TC-317C-053023

23E0637-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/30/2023 09:30

Instrument: Accumet AB150 Analyst: HAL — Analyzed: 05/31/2023 15:28

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23E0637-03 A

Preparation Batch: BLE0849 — Sample Size: 20.07 g (wet)

Prepared: 05/31/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	12.1	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 08:53

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLF0128 - EPA 6010D

Instrument: ICP3 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLF0128-BLK1)				Prepared: 06-Jun-2023 Analyzed: 07-Jun-2023 15:49							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BLF0128-DUP1)		**Source: 23E0637-01**		Prepared: 06-Jun-2023 Analyzed: 07-Jun-2023 16:10							
Arsenic	0.0230	0.0140	0.250	mg/L		0.0170			30.00	20	L, J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BLF0128-MS1)		**Source: 23E0637-01**		Prepared: 06-Jun-2023 Analyzed: 07-Jun-2023 16:13							
Arsenic	4.09	0.0140	0.250	mg/L	4.00	0.0170	102	75-125			
Lead	3.97	0.0065	0.100	mg/L	4.00	ND	99.2	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 08:53

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BLE0849 - EPA 9045D

Instrument: Accumet AB150 Analyst: HAL

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BLE0849-BS1)				Prepared: 31-May-2023 Analyzed: 31-May-2023 15:28							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 08:53

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2023
WA-DW	Ecology - Drinking Water	C558	06/30/2023

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 08:53

Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

10 June 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23E0684	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2023.06.10 09:14:03 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 23E0684	Turn-around Requested: 3 Day	Date: 5/31/2023	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 22.8°C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-318A-053123	05/31/23	11:10	SOIL	1	✔	✔	
SO-TC-318B-053123	05/31/23	11:20	SOIL	1	✔	✔	
SO-TC-318C-053123	05/31/23	11:30	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	5/31/23 16:14	Matthew Porter	Matthew Porter	ARLL	05/31/23 1614								

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 09:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-318A-053123	23E0684-01	Solid	31-May-2023 11:10	31-May-2023 16:14
SO-TC-318B-053123	23E0684-02	Solid	31-May-2023 11:20	31-May-2023 16:14
SO-TC-318C-053123	23E0684-03	Solid	31-May-2023 11:30	31-May-2023 16:14

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 09:04

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 23E0684

Sample receipt

Samples as listed on the preceding page were received 31-May-2023 16:14 under ARI work order 23E0684. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 23E0684

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1614 — 22.8ca

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: TR04703

Cooler Accepted by: MP Date: 05/31/23 Time: 1614

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: MP Date: 05/31/23 Time: 1634 Labels checked by: MD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 23E0684

Cooler#: 1 **Temperature(°C):** 23.8

Sample ID	Bottle Count	Bottle Type
Samples received above 6.0°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: MP Date: 05/31/23 Time: 1614

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 09:04

SO-TC-318A-053123

23E0684-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/31/2023 11:10

Instrument: ICP3 Analyst: SKD — Analyzed: 06/07/2023 16:34

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23E0684-01 A 02

Preparation Batch: BLF0127 — Sample Size: 25 mL (wet)

Prepared: 06/06/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 09:04

SO-TC-318A-053123

23E0684-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/31/2023 11:10

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/05/2023 15:46

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23E0684-01 A

Preparation Batch: BLF0101 — Sample Size: 20.06 g (wet)

Prepared: 06/05/2023 — Final Volume: 20.06 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.34	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 09:04

SO-TC-318B-053123

23E0684-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/31/2023 11:20

Instrument: ICP3 Analyst: SKD — Analyzed: 06/07/2023 16:37

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23E0684-02 A 02

Preparation Batch: BLF0127 — Sample Size: 25 mL (wet)

Prepared: 06/06/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0395	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 09:04

SO-TC-318B-053123

23E0684-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/31/2023 11:20

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/05/2023 15:46

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23E0684-02 A

Preparation Batch: BLF0101 — Sample Size: 20.02 g (wet)

Prepared: 06/05/2023 — Final Volume: 20.02 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.26	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 09:04

SO-TC-318C-053123

23E0684-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/31/2023 11:30

Instrument: ICP3 Analyst: SKD — Analyzed: 06/07/2023 16:40

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23E0684-03 A 02

Preparation Batch: BLF0127 — Sample Size: 25 mL (wet)

Prepared: 06/06/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0430	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.524	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 09:04

SO-TC-318C-053123

23E0684-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/31/2023 11:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/05/2023 15:46

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23E0684-03 A

Preparation Batch: BLF0101 — Sample Size: 20.04 g (wet)

Prepared: 06/05/2023 — Final Volume: 20.04 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.34	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 09:04

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLF0127 - EPA 6010D

Instrument: ICP3 Analyst: SKD

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLF0127-BLK1)					Prepared: 06-Jun-2023 Analyzed: 07-Jun-2023 15:46						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 09:04

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BLF0101 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BLF0101-BS1)				Prepared: 05-Jun-2023 Analyzed: 05-Jun-2023 15:46							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			
Duplicate (BLF0101-DUP1)		**Source: 23E0684-01**		Prepared: 05-Jun-2023 Analyzed: 05-Jun-2023 15:46							
pH	9.24	0.01	0.01	pH Units		9.34			1.08	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 09:04

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2023
WA-DW	Ecology - Drinking Water	C558	06/30/2023

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Jun-2023 09:04

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

17 June 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23F0115	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2023.06.17 10:46:08 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 23F0115	Turn-around Requested: 3 Day	Date: 6/5/2023	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 2 4 6
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-319A-060523	06/05/23	11:40	SOIL	1	✔	✔							
SO-TC-319B-060523	06/05/23	11:50	SOIL	1	✔	✔							
SO-TC-319C-060523	06/05/23	12:00	SOIL	1	✔	✔							

Comments/Special Instructions				
	Relinquished by: (Signature) Kenny King	Received by: (Signature) Phillip Bates	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Phillip Bates	Printed Name:	Printed Name:
	Company: PERC	Company: AR	Company:	Company:
	Date & Time: 6/5/23 16:14	Date & Time: 06/05/23 16:14	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 10:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-319A-060523	23F0115-01	Solid	05-Jun-2023 11:40	05-Jun-2023 16:14
SO-TC-319B-060523	23F0115-02	Solid	05-Jun-2023 11:50	05-Jun-2023 16:14
SO-TC-319C-060523	23F0115-03	Solid	05-Jun-2023 12:00	05-Jun-2023 16:14

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 10:37

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 23F0115

Sample receipt

Samples as listed on the preceding page were received 05-Jun-2023 16:14 under ARI work order 23F0115. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 23F0115

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

24.6

Time 16:14

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 70027058

Cooler Accepted by: PDB Date: 06/05/23 Time: 16:14

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:

Was sufficient ice used (if appropriate)? NA YES NO

How were bottles sealed in plastic bags? Individually Grouped Not

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ... NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI NA

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: MD Date: 06/05/23 MD 06/05/23 Time: 06:16.24 Labels checked by: MD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 23F0115

Cooler#: _____ **Temperature(°C):** 24.6

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: PLD Date: 06/05/23 Time: 16:14

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 10:37

SO-TC-319A-060523

23F0115-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/05/2023 11:40

Instrument: ICP3 Analyst: DOE — Analyzed: 06/15/2023 10:47

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23F0115-01 A 02

Preparation Batch: BLF0363 — Sample Size: 25 mL (wet)

Prepared: 06/14/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0165	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 10:37

SO-TC-319A-060523

23F0115-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/05/2023 11:40

Instrument: Accumet AB150 Analyst: EJK — Analyzed: 06/14/2023 17:03

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23F0115-01 A

Preparation Batch: BLF0378 — Sample Size: 20.29 g (wet)

Prepared: 06/13/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.11	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 10:37

SO-TC-319B-060523

23F0115-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/05/2023 11:50

Instrument: ICP3 Analyst: DOE — Analyzed: 06/15/2023 10:50

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23F0115-02 A 02

Preparation Batch: BLF0363 — Sample Size: 25 mL (wet)

Prepared: 06/14/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0145	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 10:37

SO-TC-319B-060523

23F0115-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/05/2023 11:50

Instrument: Accumet AB150 Analyst: EJK — Analyzed: 06/14/2023 17:03

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23F0115-02 A

Preparation Batch: BLF0378 — Sample Size: 20.27 g (wet)

Prepared: 06/13/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.34	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 10:37

SO-TC-319C-060523

23F0115-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/05/2023 12:00

Instrument: ICP3 Analyst: DOE — Analyzed: 06/15/2023 10:52

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23F0115-03 A 02

Preparation Batch: BLF0363 — Sample Size: 25 mL (wet)

Prepared: 06/14/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	0.0330	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 10:37

SO-TC-319C-060523

23F0115-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/05/2023 12:00

Instrument: Accumet AB150 Analyst: EJK — Analyzed: 06/14/2023 17:03

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23F0115-03 A

Preparation Batch: BLF0378 — Sample Size: 20.27 g (wet)

Prepared: 06/13/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.69	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 10:37

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLF0363 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLF0363-BLK1)					Prepared: 14-Jun-2023 Analyzed: 15-Jun-2023 08:58						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 10:37

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BLF0378 - EPA 9045D

Instrument: Accumet AB150 Analyst: EJK

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BLF0378-BS1)				Prepared: 13-Jun-2023 Analyzed: 14-Jun-2023 12:55							
pH	6.96	0.01	0.01	pH Units	7.00		99.4	99.2-100.8			
Duplicate (BLF0378-DUP1)		**Source: 23F0115-01**		Prepared: 13-Jun-2023 Analyzed: 14-Jun-2023 17:03							
pH	9.15	0.01	0.01	pH Units		9.11			0.44	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 10:37

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2023
WA-DW	Ecology - Drinking Water	C558	06/30/2023

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 10:37

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

17 June 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23F0195	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2023.06.17 11:41:58 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 23F0195	Turn-around Requested: 3 Day	Date: 6/8/2023	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers: Cooler Temps:	
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-320A-060823	06/08/23	10:30	SOIL	1	✔	✔							
SO-TC-320B-060823	06/08/23	10:40	SOIL	1	✔	✔							
SO-TC-320C-060823	06/08/23	10:50	SOIL	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Roman M.	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/8/23 15:45	Date & Time: 6/8/23 1545	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 11:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-320A-060823	23F0195-01	Solid	08-Jun-2023 10:30	08-Jun-2023 15:45
SO-TC-320B-060823	23F0195-02	Solid	08-Jun-2023 10:40	08-Jun-2023 15:45
SO-TC-320C-060823	23F0195-03	Solid	08-Jun-2023 10:50	08-Jun-2023 15:45

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 11:32

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 23F0195

Sample receipt

Samples as listed on the preceding page were received 08-Jun-2023 15:45 under ARI work order 23F0195. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 23F0195
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry): 26.8°
Time: 1545
If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: 9708
Cooler Accepted by: Date: 6/8/23 Time: 1545

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: JC Date: 06/08/23 Time: 16:25 Labels checked by: EL

JC 06/08/23

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 23F0195

Cooler#: _____ **Temperature(°C):** 26.8°

Sample ID	Bottle Count	Bottle Type
Samples above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 6/8/23 Time: 1545

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 11:32

SO-TC-320A-060823

23F0195-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/08/2023 10:30

Instrument: ICP3 Analyst: DOE — Analyzed: 06/16/2023 10:11

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23F0195-01 B 01

Preparation Batch: BLF0441 — Sample Size: 25 mL (wet)

Prepared: 06/15/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0165	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 11:32

SO-TC-320A-060823

23F0195-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/08/2023 10:30

Instrument: Accumet AB150 Analyst: EJK — Analyzed: 06/14/2023 17:03

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23F0195-01 B

Preparation Batch: BLF0378 — Sample Size: 20.16 g (wet)

Prepared: 06/13/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	12.3	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 11:32

SO-TC-320B-060823

23F0195-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/08/2023 10:40

Instrument: ICP3 Analyst: DOE — Analyzed: 06/16/2023 10:14

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23F0195-02 B 01

Preparation Batch: BLF0441 — Sample Size: 25 mL (wet)

Prepared: 06/15/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 11:32

SO-TC-320B-060823

23F0195-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/08/2023 10:40

Instrument: Accumet AB150 Analyst: EJK — Analyzed: 06/14/2023 17:03

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23F0195-02 B

Preparation Batch: BLF0378 — Sample Size: 20.66 g (wet)

Prepared: 06/13/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	12.2	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 11:32

SO-TC-320C-060823

23F0195-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/08/2023 10:50

Instrument: ICP3 Analyst: DOE — Analyzed: 06/16/2023 10:17

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23F0195-03 B 01

Preparation Batch: BLF0441 — Sample Size: 25 mL (wet)

Prepared: 06/15/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 11:32

SO-TC-320C-060823

23F0195-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/08/2023 10:50

Instrument: Accumet AB150 Analyst: EJK — Analyzed: 06/14/2023 17:03

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23F0195-03 B

Preparation Batch: BLF0378 — Sample Size: 20.41 g (wet)

Prepared: 06/13/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	10.6	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 11:32

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLF0441 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLF0441-BLK1)					Prepared: 15-Jun-2023 Analyzed: 16-Jun-2023 09:19						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 11:32

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BLF0378 - EPA 9045D

Instrument: Accumet AB150 Analyst: EJK

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BLF0378-BS1)				Prepared: 13-Jun-2023 Analyzed: 14-Jun-2023 12:55							
pH	6.96	0.01	0.01	pH Units	7.00		99.4	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 11:32

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2023
WA-DW	Ecology - Drinking Water	C558	06/30/2023

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2023 11:32

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

17 June 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23F0324	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2023.06.17 13:21:53 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

22 June 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23F0362	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2023.06.22 10:55:10 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 23F0362	Turn-around Requested: 3 Day	Date: 6/14/2023	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-322A-061423	06/14/23	11:30	SOIL	1	✔	✔							
SO-TC-322B-061423	06/14/23	11:40	SOIL	1	✔	✔							
SO-TC-322C-061423	06/14/23	11:50	SOIL	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Roman M.	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/14/23 16:01	Date & Time: 6/14/23 1601	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Jun-2023 10:53

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-322A-061423	23F0362-01	Solid	14-Jun-2023 11:30	14-Jun-2023 16:01
SO-TC-322B-061423	23F0362-02	Solid	14-Jun-2023 11:40	14-Jun-2023 16:01
SO-TC-322C-061423	23F0362-03	Solid	14-Jun-2023 11:50	14-Jun-2023 16:01

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Jun-2023 10:53

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 23F0362

Sample receipt

Sample(s) as listed on the preceding page were received 14-Jun-2023 16:01 under ARI work order 23F0362. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals and EPA Method 6010D

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superion Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 23F0362
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)
Time 1601 2.8°
If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 4708
Cooler Accepted by: R~ Date: 6/14/23 Time: 1601

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: NC Date: 06/14/23 Time: 16:28 Labels checked by: MD

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 23F0362

Cooler#: _____ **Temperature(°C):** 27.8°

Sample ID	Bottle Count	Bottle Type
samples above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 6/19/23 Time: 1601

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Jun-2023 10:53

SO-TC-322A-061423

23F0362-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/14/2023 11:30

Instrument: ICP3 Analyst: DOE — Analyzed: 06/21/2023 09:20

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23F0362-01 A 02

Preparation Batch: BLF0558 — Sample Size: 25 mL (wet)

Prepared: 06/20/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Jun-2023 10:53

SO-TC-322A-061423

23F0362-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/14/2023 11:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/15/2023 16:10

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23F0362-01 A

Preparation Batch: BLF0452 — Sample Size: 20.4778 g (wet)

Prepared: 06/15/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.73	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Jun-2023 10:53

SO-TC-322B-061423

23F0362-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/14/2023 11:40

Instrument: ICP3 Analyst: DOE — Analyzed: 06/21/2023 09:23

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23F0362-02 A 02

Preparation Batch: BLF0558 — Sample Size: 25 mL (wet)

Prepared: 06/20/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Jun-2023 10:53

SO-TC-322B-061423

23F0362-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/14/2023 11:40

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/15/2023 16:10

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23F0362-02 A

Preparation Batch: BLF0452 — Sample Size: 20.3397 g (wet)

Prepared: 06/15/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	11.3	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Jun-2023 10:53

SO-TC-322C-061423

23F0362-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/14/2023 11:50

Instrument: ICP3 Analyst: DOE — Analyzed: 06/21/2023 09:26

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23F0362-03 A 02

Preparation Batch: BLF0558 — Sample Size: 25 mL (wet)

Prepared: 06/20/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0230	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Jun-2023 10:53

SO-TC-322C-061423

23F0362-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/14/2023 11:50

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/15/2023 16:10

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23F0362-03 A

Preparation Batch: BLF0452 — Sample Size: 20.6531 g (wet)

Prepared: 06/15/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	10.6	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Jun-2023 10:53

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLF0558 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLF0558-BLK1)					Prepared: 20-Jun-2023 Analyzed: 21-Jun-2023 08:38						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Jun-2023 10:53

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BLF0452 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BLF0452-BS1)				Prepared: 15-Jun-2023 Analyzed: 15-Jun-2023 16:10							
pH	7.03	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Jun-2023 10:53

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2023
WA-DW	Ecology - Drinking Water	C558	06/30/2023

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Jun-2023 10:53

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

21 July 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23G0265	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2023.07.21 08:44:07 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 23G0265	Turn-around Requested: 3 Day	Date: 7/13/2023	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 21.8°
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-323A-071323	07/13/23	13:50	SOIL	1	✔	✔							
SO-TC-323B-071323	07/13/23	14:00	SOIL	1	✔	✔							
SO-TC-323C-071323	07/13/23	14:10	SOIL	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Matthew Rowe	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/13/23 16:07	Date & Time: 07/13/23 16:07	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2023 08:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-323A-071323	23G0265-01	Solid	13-Jul-2023 13:50	13-Jul-2023 16:07
SO-TC-323B-071323	23G0265-02	Solid	13-Jul-2023 14:00	13-Jul-2023 16:07
SO-TC-323C-071323	23G0265-03	Solid	13-Jul-2023 14:10	13-Jul-2023 16:07

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2023 08:41

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 23G0265

Sample receipt

Sample(s) as listed on the preceding page were received 13-Jul-2023 16:07 under ARI work order 23G0265. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals with EPA Method 6010D

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 23G0265

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1607 — 21.8°

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: 5009708

Cooler Accepted by: MD Date: 07/12/23 Time: 1607

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not MD 07/13/23
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: NC Date: 07/13/23 Time: 16:29 Labels checked by:

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 23G0265

Cooler#: 1 **Temperature(°C):** 21.8

Sample ID	Bottle Count	Bottle Type
Samples received above 6.0°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: MM Date: 07/15/23 Time: 1607

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2023 08:41

SO-TC-323A-071323

23G0265-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/13/2023 13:50

Instrument: ICP3 Analyst: DOE — Analyzed: 07/20/2023 09:28

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23G0265-01 A 02

Preparation Batch: BLG0367 — Sample Size: 25 mL (wet)

Prepared: 07/19/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0485	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2023 08:41

SO-TC-323A-071323

23G0265-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/13/2023 13:50

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/14/2023 13:08

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23G0265-01 A

Preparation Batch: BLG0277 — Sample Size: 20.248 g (wet)

Prepared: 07/14/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	12.2	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2023 08:41

SO-TC-323B-071323

23G0265-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/13/2023 14:00

Instrument: ICP3 Analyst: DOE — Analyzed: 07/20/2023 09:37

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23G0265-02 A 02

Preparation Batch: BLG0367 — Sample Size: 25 mL (wet)

Prepared: 07/19/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0320	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2023 08:41

SO-TC-323B-071323

23G0265-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/13/2023 14:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/14/2023 13:08

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23G0265-02 A

Preparation Batch: BLG0277 — Sample Size: 20.699 g (wet)

Prepared: 07/14/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	12.3	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2023 08:41

SO-TC-323C-071323

23G0265-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/13/2023 14:10

Instrument: ICP3 Analyst: DOE — Analyzed: 07/20/2023 09:40

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23G0265-03 A 02

Preparation Batch: BLG0367 — Sample Size: 25 mL (wet)

Prepared: 07/19/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0590	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2023 08:41

SO-TC-323C-071323

23G0265-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/13/2023 14:10

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/14/2023 13:08

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23G0265-03 A

Preparation Batch: BLG0277 — Sample Size: 20.878 g (wet)

Prepared: 07/14/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	12.3	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2023 08:41

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLG0367 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLG0367-BLK1)				Prepared: 19-Jul-2023 Analyzed: 20-Jul-2023 09:25							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BLG0367-DUP1)		**Source: 23G0265-01**		Prepared: 19-Jul-2023 Analyzed: 20-Jul-2023 09:31							
Arsenic	0.0440	0.0140	0.250	mg/L		0.0485			9.73	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BLG0367-MS1)		**Source: 23G0265-01**		Prepared: 19-Jul-2023 Analyzed: 20-Jul-2023 09:34							
Arsenic	4.37	0.0140	0.250	mg/L	4.00	0.0485	108	75-125			
Lead	4.10	0.0065	0.100	mg/L	4.00	ND	102	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2023 08:41

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BLG0277 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BLG0277-BS1)	Prepared: 14-Jul-2023 Analyzed: 14-Jul-2023 13:08										
pH	7.01	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2023 08:41

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	21-Jul-2023 08:41

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

25 July 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23G0375	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2023.07.25 16:51:18 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 23G0375	Turn-around Requested: 3 Day	Date: 7/18/2023	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-324A-071823	07/18/23	11:20	SOIL	1	✔	✔							
SO-TC-324B-071823	07/18/23	11:30	SOIL	1	✔	✔							
SO-TC-324C-071823	07/18/23	11:40	SOIL	1	✔	✔							

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
	(Signature) Kenny King	(Signature)	(Signature)	(Signature)
	Printed Name: Kenny King	Printed Name: Roman N.	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/18/23 16:14	Date & Time: 7/18/23 1614	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jul-2023 16:50

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-324A-071823	23G0375-01	Solid	18-Jul-2023 11:20	18-Jul-2023 16:14
SO-TC-324B-071823	23G0375-02	Solid	18-Jul-2023 11:30	18-Jul-2023 16:14
SO-TC-324C-071823	23G0375-03	Solid	18-Jul-2023 11:40	18-Jul-2023 16:14

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jul-2023 16:50

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 23G0375

Sample receipt

Sample(s) as listed on the preceding page were received 18-Jul-2023 16:14 under ARI work order 23G0375. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals with EPA Method 6010D

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

WORK ORDER

23G0375

Samples will be discarded 90 days after submission of a final report unless other instructions are received

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Phillip Bates

Project: Superlon Plastics **Project Number:** SLON

Report To:	Invoice To:
PERC-Pacific Environmental and Redevelopment Corp	PERC-Pacific Environmental and Redevelopment Corp
Kenny King	Jeffrey King
8424 E Meadow Lake Drive	8424 E Meadow Lake Drive
Snohomish, WA 98290	Snohomish, WA 98290
Phone: (425) 346-0921	Phone :(425) 238-2212
Fax:	Fax:

Date Due: 24-Jul-2023 18:00 (3 day TAT)

Received By: Rowan Miller Date Received: 18-Jul-2023 16:14

Logged In By: Sean Rahman Date Logged In: 18-Jul-2023 16:19

Samples Received at 31.3°C

Intact, properly signed and dated custody seals attached to outside of cooler(s)	No	Custody papers included with the cooler	Yes
Custody papers properly filled out (ink, signed, analyses requested, etc)	Yes	Was a temperature blank included in the cooler	No
Was sufficient ice used (if appropriate)	No	All bottles sealed in individual plastic bags	No
All bottles arrived in good condition (unbroken)	Yes	All bottle labels complete and legible	Yes
Number of containers listed on COC match number received	Yes	Bottle labels and tags agree with COC	Yes
Correct bottles used for the requested analyses	Yes	All VOC vials free of air bubbles	No
Analyses/bottles require preservation (attach preservation sheet excluding VOC)	No	Sufficient amount of sample sent in each bottle	Yes
Sample split at ARI	No		

Analysis	Due	TAT	Expires	Comments

WORK ORDER

23G0375

Samples will be discarded 90 days after submission of a final report unless other instructions are received

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Phillip Bates

Project: Superion Plastics **Project Number:** SLON

Analysis	Due	TAT	Expires	Comments
23G0375-01 SO-TC-324A-071823 [Solid] Sampled 18-Jul-2023 11:20 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	24-Jul-2023 15:00	3	01-Aug-2023 23:59	
TCLP 1311	24-Jul-2023 15:00	3	15-Aug-2023 23:59	
TCLP 6020B - As	24-Jul-2023 15:00	3	14-Jan-2024 23:59	Do not log unless ICP is down
TCLP 6020B - Pb	24-Jul-2023 15:00	3	14-Jan-2024 23:59	Do not log unless ICP is down
23G0375-02 SO-TC-324B-071823 [Solid] Sampled 18-Jul-2023 11:30 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	24-Jul-2023 15:00	3	01-Aug-2023 23:59	
TCLP 1311	24-Jul-2023 15:00	3	15-Aug-2023 23:59	
TCLP 6020B - As	24-Jul-2023 15:00	3	14-Jan-2024 23:59	Do not log unless ICP is down
TCLP 6020B - Pb	24-Jul-2023 15:00	3	14-Jan-2024 23:59	Do not log unless ICP is down
23G0375-03 SO-TC-324C-071823 [Solid] Sampled 18-Jul-2023 11:40 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	24-Jul-2023 15:00	3	01-Aug-2023 23:59	
TCLP 1311	24-Jul-2023 15:00	3	15-Aug-2023 23:59	
TCLP 6020B - As	24-Jul-2023 15:00	3	14-Jan-2024 23:59	Do not log unless ICP is down
TCLP 6020B - Pb	24-Jul-2023 15:00	3	14-Jan-2024 23:59	Do not log unless ICP is down

Reviewed By Date

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlow

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 23G0375 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 31.3°

Time 1641

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 9208

Cooler Accepted by: Date: 7/18/23 Time: 1614

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: S.R. Date: 7-18-23 Time: 16:14 Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 23G0375

Cooler#: _____ **Temperature(°C):** 3.3°

Sample ID	Bottle Count	Bottle Type
Samples above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 7/18/23 Time: 1614

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jul-2023 16:50

SO-TC-324A-071823

23G0375-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/18/2023 11:20

Instrument: ICP3 Analyst: DOE — Analyzed: 07/24/2023 09:10

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23G0375-01 A 02

Preparation Batch: BLG0465 — Sample Size: 25 mL (wet)

Prepared: 07/21/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.127	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jul-2023 16:50

SO-TC-324A-071823

23G0375-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/18/2023 11:20

Instrument: Accumet AB150 Analyst: BF — Analyzed: 07/20/2023 18:54

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 23G0375-01 A

Preparation Batch: BLG0455 — Sample Size: 20.43 g (wet)

Prepared: 07/20/2023 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.58	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jul-2023 16:50

SO-TC-324B-071823

23G0375-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/18/2023 11:30

Instrument: ICP3 Analyst: DOE — Analyzed: 07/24/2023 09:13

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23G0375-02 A 02

Preparation Batch: BLG0465 — Sample Size: 25 mL (wet)

Prepared: 07/21/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0160	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jul-2023 16:50

SO-TC-324B-071823

23G0375-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/18/2023 11:30

Instrument: Accumet AB150 Analyst: BF — Analyzed: 07/20/2023 18:54

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 23G0375-02 A

Preparation Batch: BLG0455 — Sample Size: 20.38 g (wet)

Prepared: 07/20/2023 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.43	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jul-2023 16:50

SO-TC-324C-071823

23G0375-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/18/2023 11:40

Instrument: ICP3 Analyst: DOE — Analyzed: 07/24/2023 09:16

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23G0375-03 A 02

Preparation Batch: BLG0465 — Sample Size: 25 mL (wet)

Prepared: 07/21/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0175	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jul-2023 16:50

SO-TC-324C-071823

23G0375-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/18/2023 11:40

Instrument: Accumet AB150 Analyst: BF — Analyzed: 07/20/2023 18:54

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 23G0375-03 A

Preparation Batch: BLG0455 — Sample Size: 20.24 g (wet)

Prepared: 07/20/2023 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.55	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jul-2023 16:50

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLG0465 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLG0465-BLK1)					Prepared: 21-Jul-2023 Analyzed: 24-Jul-2023 08:35						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jul-2023 16:50

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BLG0455 - EPA 9045D

Instrument: Accumet AB150 Analyst: BF

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BLG0455-BS1)				Prepared: 20-Jul-2023 Analyzed: 20-Jul-2023 18:54							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BLG0455-DUP1)		**Source: 23G0375-01**		Prepared: 20-Jul-2023 Analyzed: 20-Jul-2023 18:54							
pH	9.65	0.01	0.01	pH Units		9.58			0.73	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jul-2023 16:50

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jul-2023 16:50

Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

02 August 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23G0523	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2023.08.02 11:33:23 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 23G0523	Turn-around Requested: 3 Day	Date: 7/24/2023	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps: 24.4
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-325A-072423	07/24/23	13:36	SOIL	1	✔	✔							
SO-TC-325B-072423	07/24/23	13:46	SOIL	1	✔	✔							
SO-TC-325C-072423	07/24/23	13:56	SOIL	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time
	Kenny King	Kenny King	PERC	7/24/23 15:27		Jacobsalte	AR LLC	07/24/23 1527								

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, notwithstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2023 11:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-325A-072423	23G0523-01	Solid	24-Jul-2023 13:36	24-Jul-2023 15:27
SO-TC-325B-072423	23G0523-02	Solid	24-Jul-2023 13:46	24-Jul-2023 15:27
SO-TC-325C-072423	23G0523-03	Solid	24-Jul-2023 13:56	24-Jul-2023 15:27

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2023 11:32

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 23G0523

Sample receipt

Sample(s) as listed on the preceding page were received 24-Jul-2023 15:27 under ARI work order 23G0523. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals with EPA Method 6010D

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

WORK ORDER

23G0523

Samples will be discarded 90 days after submission of a final report unless other instructions are received

Client: PERC-Pacific Environmental and Redevelopment | **Project Manager:** Phillip Bates

Project: Superlon Plastics | **Project Number:** SLON

Report To:	Invoice To:
PERC-Pacific Environmental and Redevelopment Corp	PERC-Pacific Environmental and Redevelopment Corp
Kenny King	Jeffrey King
8424 E Meadow Lake Drive	8424 E Meadow Lake Drive
Snohomish, WA 98290	Snohomish, WA 98290
Phone: (425) 346-0921	Phone :(425) 238-2212
Fax:	Fax:

Date Due: 28-Jul-2023 18:00 (3 day TAT)

Received By: Jacob Walter | Date Received: 24-Jul-2023 15:27

Logged In By: Sean Rahman | Date Logged In: 25-Jul-2023 09:16

Samples Received at 24°C

Intact, properly signed and dated custody seals attached to outside of cooler(s)	No	Custody papers included with the cooler	Yes
Custody papers properly filled out(ink, signed, analyses requested, etc)	Yes	Was a temperature blank included in the cooler	No
Was sufficient ice used (if appropriate)	No	All bottles sealed in individual plastic bags	No
All bottles arrived in good condition(unbroken)	Yes	All bottle labels complete and legible	Yes
Number of containers listed on COC match number received	Yes	Bottle labels and tags agree with COC	Yes
Correct bottles used for the requested analyses	Yes	All VOC vials free of air bubbles	No
Analyses/bottles require preservation (attach preservation sheet excluding VOC).	No	Sufficient amount of sample sent in each bottle	Yes
Sample split at ARI	No		

Analysis	Due	TAT	Expires	Comments

WORK ORDER

23G0523

Samples will be discarded 90 days after submission of a final report unless other instructions are received

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Phillip Bates

Project: Superlon Plastics **Project Number:** SLON

Analysis	Due	TAT	Expires	Comments
23G0523-01 SO-TC-325A-072423 [Solid] Sampled 24-Jul-2023 13:36 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	28-Jul-2023 15:00	3	07-Aug-2023 23:59	
Solids, Total, Dried at 103 -105 °C, Soli	28-Jul-2023 15:00	3	21-Aug-2023 23:59	Cancel this analysis
TCLP 1311	28-Jul-2023 15:00	3	21-Aug-2023 23:59	
TCLP 6010D - As	28-Jul-2023 15:00	3	20-Jan-2024 23:59	
TCLP 6010D - Pb	28-Jul-2023 15:00	3	20-Jan-2024 23:59	
23G0523-02 SO-TC-325B-072423 [Solid] Sampled 24-Jul-2023 13:46 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	28-Jul-2023 15:00	3	07-Aug-2023 23:59	
Solids, Total, Dried at 103 -105 °C, Soli	28-Jul-2023 15:00	3	21-Aug-2023 23:59	Cancel this analysis
TCLP 1311	28-Jul-2023 15:00	3	21-Aug-2023 23:59	
TCLP 6010D - As	28-Jul-2023 15:00	3	20-Jan-2024 23:59	
TCLP 6010D - Pb	28-Jul-2023 15:00	3	20-Jan-2024 23:59	
23G0523-03 SO-TC-325C-072423 [Solid] Sampled 24-Jul-2023 13:56 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	28-Jul-2023 15:00	3	07-Aug-2023 23:59	
Solids, Total, Dried at 103 -105 °C, Soli	28-Jul-2023 15:00	3	21-Aug-2023 23:59	Cancel this analysis
TCLP 1311	28-Jul-2023 15:00	3	21-Aug-2023 23:59	
TCLP 6010D - As	28-Jul-2023 15:00	3	20-Jan-2024 23:59	
TCLP 6010D - Pb	28-Jul-2023 15:00	3	20-Jan-2024 23:59	

Reviewed By Date

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 23G0523

Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1527 — 24.4

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: IR09748

Cooler Accepted by: [signature] Date: 07/24/23 Time: 1527

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: SM Date: 7-24-23 Time: 9:16 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2023 11:32

SO-TC-325A-072423

23G0523-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/24/2023 13:36
Instrument: ICP3 Analyst: DOE — Analyzed: 08/01/2023 09:52

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23G0523-01 A 01
Preparation Batch: BLG0736 — Sample Size: 25 mL (wet)
Prepared: 07/31/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0425	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0090	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2023 11:32

SO-TC-325A-072423

23G0523-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/24/2023 13:36

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/31/2023 15:21

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23G0523-01 A

Preparation Batch: BLG0753 — Sample Size: 20.5369 g (wet)

Prepared: 07/31/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.93	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2023 11:32

SO-TC-325B-072423

23G0523-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/24/2023 13:46

Instrument: ICP3 Analyst: DOE — Analyzed: 08/01/2023 09:55

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23G0523-02 A 01

Preparation Batch: BLG0736 — Sample Size: 25 mL (wet)

Prepared: 07/31/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	ND	mg/L	U
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2023 11:32

SO-TC-325B-072423

23G0523-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/24/2023 13:46

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/31/2023 15:21

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23G0523-02 A

Preparation Batch: BLG0753 — Sample Size: 20.5421 g (wet)

Prepared: 07/31/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.76	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2023 11:32

SO-TC-325C-072423

23G0523-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/24/2023 13:56

Instrument: ICP3 Analyst: DOE — Analyzed: 08/01/2023 09:58

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23G0523-03 A 01

Preparation Batch: BLG0736 — Sample Size: 25 mL (wet)

Prepared: 07/31/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0295	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2023 11:32

SO-TC-325C-072423

23G0523-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/24/2023 13:56

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/31/2023 15:21

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23G0523-03 A

Preparation Batch: BLG0753 — Sample Size: 20.8261 g (wet)

Prepared: 07/31/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.70	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2023 11:32

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLG0736 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLG0736-BLK1)					Prepared: 31-Jul-2023 Analyzed: 01-Aug-2023 09:41						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2023 11:32

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BLG0753 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BLG0753-BS1)					Prepared: 31-Jul-2023 Analyzed: 31-Jul-2023 15:21						
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
LCS (BLG0753-BS2)					Prepared: 31-Jul-2023 Analyzed: 31-Jul-2023 15:21						
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2023 11:32

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Aug-2023 11:32

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

11 August 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23G0658	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2023.08.11 08:40:26 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

ARI Assigned Number: 23G0658	Turn-around Requested: 3 Day
ARI Client Company: PERC	Phone: 4253460921
Client Contact: Kenny King	
Client Project Name: Superlon Plastics	
Client Project #: SLON	Samplers: King

Date: 7/31/2023
Page: of
No. of Coolers: Cooler Temps: 28.7

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-326A-073123	07/31/23	11:10	SOIL	1	✔	✔	
SO-TC-326B-073123	07/31/23	11:20	SOIL	1	✔	✔	
SO-TC-326C-073123	07/31/23	11:30	SOIL	1	✔	✔	

Comments/Special Instructions

	Relinquished by:	Received by:	Relinquished by:	Received by:
(Signature)	Kenny King	Nova Cate		
Printed Name:	Kenny King	Nova Cate		
Company:	PERC	ARLLC		
Date & Time:	7/31/23 16:11	7/31/23 16:11		

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Aug-2023 08:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-326A-073123	23G0658-01	Solid	31-Jul-2023 11:10	31-Jul-2023 16:11
SO-TC-326B-073123	23G0658-02	Solid	31-Jul-2023 11:20	31-Jul-2023 16:11
SO-TC-326C-073123	23G0658-03	Solid	31-Jul-2023 11:30	31-Jul-2023 16:11

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Aug-2023 08:37

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 23G0658

Sample receipt

Sample(s) as listed on the preceding page were received 31-Jul-2023 16: 11 under ARI work order 23G0658. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals with EPA Method 6010D

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlou Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 23G0658
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 10:11 — 2.8.7

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: 9708

Cooler Accepted by: NC Date: 07/31/23 Time: 10:11

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: NC Date: 07/31/23 Time: 10:17 Labels checked by: NC

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 23G0658

Cooler#: 1 **Temperature(°C):** 28.7

Sample ID	Bottle Count	Bottle Type
Samples were received above 6.0°		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: NC Date: 07/31/23 Time: 16:11

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Aug-2023 08:37

SO-TC-326A-073123

23G0658-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/31/2023 11:10

Instrument: ICP3 Analyst: DOE — Analyzed: 08/10/2023 09:30

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23G0658-01 A 02

Preparation Batch: BLH0251 — Sample Size: 25 mL (wet)

Prepared: 08/09/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.132	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0090	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Aug-2023 08:37

SO-TC-326A-073123

23G0658-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/31/2023 11:10

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 08/02/2023 15:51

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23G0658-01 A

Preparation Batch: BLH0046 — Sample Size: 20.7059 g (wet)

Prepared: 08/02/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	10.2	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Aug-2023 08:37

SO-TC-326A-073123

23G0658-01RE1 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/31/2023 11:10

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 08/02/2023 15:51

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23G0658-01RE1 A

Preparation Batch: BLH0046 — Sample Size: 20.7059 g (wet)

Prepared: 08/02/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	10.2	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Aug-2023 08:37

SO-TC-326B-073123

23G0658-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/31/2023 11:20

Instrument: ICP3 Analyst: DOE — Analyzed: 08/10/2023 09:32

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23G0658-02 A 02

Preparation Batch: BLH0251 — Sample Size: 25 mL (wet)

Prepared: 08/09/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.138	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0370	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Aug-2023 08:37

SO-TC-326B-073123

23G0658-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/31/2023 11:20

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 08/02/2023 15:51

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23G0658-02 A

Preparation Batch: BLH0046 — Sample Size: 20.7315 g (wet)

Prepared: 08/02/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	10.4	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Aug-2023 08:37

SO-TC-326C-073123

23G0658-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/31/2023 11:30

Instrument: ICP3 Analyst: DOE — Analyzed: 08/10/2023 09:35

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23G0658-03 A 02

Preparation Batch: BLH0251 — Sample Size: 25 mL (wet)

Prepared: 08/09/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.126	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Aug-2023 08:37

SO-TC-326C-073123

23G0658-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/31/2023 11:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 08/02/2023 15:51

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23G0658-03 A

Preparation Batch: BLH0046 — Sample Size: 20.8829 g (wet)

Prepared: 08/02/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	10.3	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Aug-2023 08:37

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLH0251 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLH0251-BLK1)					Prepared: 09-Aug-2023 Analyzed: 10-Aug-2023 09:15						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Aug-2023 08:37

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BLH0046 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BLH0046-BS1)				Prepared: 02-Aug-2023 Analyzed: 02-Aug-2023 15:51							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			
Duplicate (BLH0046-DUP1)		**Source: 23G0658-01**		Prepared: 02-Aug-2023 Analyzed: 02-Aug-2023 15:51							
pH	10.3	0.01	0.01	pH Units		10.2			1.46	20	
Duplicate (BLH0046-DUP2)		**Source: 23G0658-01**		Prepared: 02-Aug-2023 Analyzed: 02-Aug-2023 15:51							
pH	10.2	0.01	0.01	pH Units		10.2			0.30	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Aug-2023 08:37

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Aug-2023 08:37

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

17 August 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23H0214	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2023.08.17 08:30:31 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 23H0214	Turn-around Requested: 3 Day	Date: 8/8/2023	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps: 26.8
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-327A-080823	08/08/23	13:00	SOIL	1	✔	✔							
SO-TC-327B-080823	08/08/23	13:10	SOIL	1	✔	✔							
SO-TC-327C-080823	08/08/23	13:20	SOIL	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Matthew Vierra	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 8/8/2023 16:08	Date & Time: 08/08/23 1608	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2023 08:25

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-327A-080823	23H0214-01	Solid	08-Aug-2023 13:00	08-Aug-2023 16:08
SO-TC-327B-080823	23H0214-02	Solid	08-Aug-2023 13:10	08-Aug-2023 16:08
SO-TC-327C-080823	23H0214-03	Solid	08-Aug-2023 13:20	08-Aug-2023 16:08

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2023 08:25

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 23H0214

Sample receipt

Sample(s) as listed on the preceding page were received 08-Aug-2023 16:08 under ARI work order 23H0214. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals with EPA Method 6010D

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: TERC Project Name: Superfund

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 23H0214 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1608 2.8

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#:

Cooler Accepted by: MD Date: 08/08/23 Time: 1608

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:

Was sufficient ice used (if appropriate)? NA YES NO

How were bottles sealed in plastic bags? Individually Grouped Not

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ... NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI NA

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: RA Date: 8/8/23 Time: 1627 Labels checked by: RA

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 23H0214

Cooler#: 1 **Temperature(°C):** 26.8

Sample ID	Bottle Count	Bottle Type
Samples received above 6.0°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: MD Date: 08/08/23 Time: 1608

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2023 08:25

SO-TC-327A-080823

23H0214-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 08/08/2023 13:00

Instrument: ICP3 Analyst: DOE — Analyzed: 08/16/2023 09:36

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23H0214-01 A 02

Preparation Batch: BLH0393 — Sample Size: 25 mL (wet)

Prepared: 08/15/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.856	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0255	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2023 08:25

SO-TC-327A-080823

23H0214-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/08/2023 13:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 08/11/2023 14:56

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23H0214-01 A

Preparation Batch: BLH0328 — Sample Size: 20.8876 g (wet)

Prepared: 08/11/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	10.3	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2023 08:25

SO-TC-327B-080823

23H0214-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 08/08/2023 13:10

Instrument: ICP3 Analyst: DOE — Analyzed: 08/16/2023 09:39

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23H0214-02 A 02

Preparation Batch: BLH0393 — Sample Size: 25 mL (wet)

Prepared: 08/15/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.771	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2023 08:25

SO-TC-327B-080823

23H0214-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/08/2023 13:10

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 08/11/2023 14:56

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23H0214-02 A

Preparation Batch: BLH0328 — Sample Size: 20.6893 g (wet)

Prepared: 08/11/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	10.6	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2023 08:25

SO-TC-327C-080823

23H0214-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 08/08/2023 13:20

Instrument: ICP3 Analyst: DOE — Analyzed: 08/16/2023 09:41

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23H0214-03 A 02

Preparation Batch: BLH0393 — Sample Size: 25 mL (wet)

Prepared: 08/15/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.345	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0180	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2023 08:25

SO-TC-327C-080823

23H0214-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/08/2023 13:20

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 08/11/2023 14:56

Analysis by: Analytical Resources, LLC

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23H0214-03 A

Preparation Batch: BLH0328 — Sample Size: 20.0544 g (wet)

Prepared: 08/11/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	10.4	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2023 08:25

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLH0393 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLH0393-BLK1)					Prepared: 15-Aug-2023 Analyzed: 16-Aug-2023 09:24						
Arsenic	0.0350	0.0140	0.250	mg/L							J
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2023 08:25

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BLH0328 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BLH0328-BS1)	Prepared: 11-Aug-2023 Analyzed: 11-Aug-2023 14:56										
pH	7.00	0.01	0.01	pH Units	7.0000		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2023 08:25

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Aug-2023 08:25

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

22 August 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23H0408	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2023.08.22 08:34:44 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 23H0408	Turn-around Requested: 3 Day	Date: 8/15/2023	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-328A-081523	08/15/23	13:40	SOIL	1	✔	✔	
SO-TC-328B-081523	08/15/23	13:50	SOIL	1	✔	✔	
SO-TC-328C-081523	08/15/23	14:00	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Rowan A.	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 8/15/23 16:11	Date & Time: 8/15/23 1611	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSER/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Aug-2023 08:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-328A-081523	23H0408-01	Solid	15-Aug-2023 13:40	15-Aug-2023 16:11
SO-TC-328B-081523	23H0408-02	Solid	15-Aug-2023 13:50	15-Aug-2023 16:11
SO-TC-328C-081523	23H0408-03	Solid	15-Aug-2023 14:00	15-Aug-2023 16:11

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Aug-2023 08:33

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 23H0408

Sample receipt

Samples as listed on the preceding page were received 15-Aug-2023 16: 11 under ARI work order 23H0408. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals with EPA Method 6010D

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superion Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 23H0408

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1611 34.5°

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 9708

Cooler Accepted by: Date: 8/15/23 Time: 1611

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:

Was sufficient ice used (if appropriate)? NA YES NO

How were bottles sealed in plastic bags? Individually Grouped Not

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ... NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI NA

Were the sample(s) split by ARI? ~~NA~~ YES Date/Time: Equipment: Split by:

Samples Logged by: MD Date: 08/15/23 Time: 1622 Labels checked by: MD

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 23H0408

Cooler#: _____ **Temperature(°C):** 3.4.5

Sample ID	Bottle Count	Bottle Type
Samples above 6°		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 8/15/23 Time: 1641

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Aug-2023 08:33

SO-TC-328A-081523

23H0408-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 08/15/2023 13:40
Instrument: ICP3 Analyst: DOE — Analyzed: 08/21/2023 10:01

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23H0408-01 A 02
Preparation Batch: BLH0524 — Sample Size: 25 mL (wet)
Prepared: 08/18/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.802	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0185	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Aug-2023 08:33

SO-TC-328A-081523

23H0408-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/15/2023 13:40

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 08/16/2023 16:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23H0408-01 A

Preparation Batch: BLH0462 — Sample Size: 20.4003 g (wet)

Prepared: 08/16/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	10.8	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Aug-2023 08:33

SO-TC-328B-081523

23H0408-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 08/15/2023 13:50

Instrument: ICP3 Analyst: DOE — Analyzed: 08/21/2023 10:04

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23H0408-02 A 02

Preparation Batch: BLH0524 — Sample Size: 25 mL (wet)

Prepared: 08/18/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.881	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Aug-2023 08:33

SO-TC-328B-081523

23H0408-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/15/2023 13:50

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 08/16/2023 16:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23H0408-02 A

Preparation Batch: BLH0462 — Sample Size: 20.3471 g (wet)

Prepared: 08/16/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	10.4	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Aug-2023 08:33

SO-TC-328C-081523

23H0408-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 08/15/2023 14:00

Instrument: ICP3 Analyst: DOE — Analyzed: 08/21/2023 10:07

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23H0408-03 A 02

Preparation Batch: BLH0524 — Sample Size: 25 mL (wet)

Prepared: 08/18/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.556	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Aug-2023 08:33

SO-TC-328C-081523

23H0408-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/15/2023 14:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 08/16/2023 16:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23H0408-03 A

Preparation Batch: BLH0462 — Sample Size: 20.6955 g (wet)

Prepared: 08/16/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	10.1	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Aug-2023 08:33

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLH0524 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLH0524-BLK1)					Prepared: 18-Aug-2023 Analyzed: 21-Aug-2023 09:58						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0095	0.0065	0.100	mg/L							J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Aug-2023 08:33

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BLH0462 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BLH0462-BS1)	Prepared: 16-Aug-2023 Analyzed: 16-Aug-2023 16:30										
pH	6.98	0.01	0.01	pH Units	7.0000		99.7	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Aug-2023 08:33

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Aug-2023 08:33

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

28 August 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23H0451	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2023.08.28 09:47:06 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 23H0451	Turn-around Requested: 3 Day	Date: 8/17/2023	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
SO-TC-329A-081723	08/17/23	11:30	SOIL	1	✔	✔							
SO-TC-329B-081723	08/17/23	11:40	SOIL	1	✔	✔							
SO-TC-329C-081723	08/17/23	11:50	SOIL	1	✔	✔							

Analysis Requested

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Ryan C.	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 8/17/2023 15:44	Date & Time: 8/17/23 1544	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Aug-2023 09:45

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-329A-081723	23H0451-01	Solid	17-Aug-2023 11:30	17-Aug-2023 15:44
SO-TC-329B-081723	23H0451-02	Solid	17-Aug-2023 11:40	17-Aug-2023 15:44
SO-TC-329C-081723	23H0451-03	Solid	17-Aug-2023 11:50	17-Aug-2023 15:44

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Aug-2023 09:45

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 23H0451

Sample receipt

Sample(s) as listed on the preceding page were received 17-Aug-2023 15:44 under ARI work order 23H0451. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals with EPA Method 6010D

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 23H0451 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO

Were custody papers included with the cooler? ..... YES NO

Were custody papers properly filled out (ink, signed, etc.) ..... YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1544 32.1°

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: _____

Cooler Accepted by: _____ Date: 8/17/23 Time: 1544

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? ..... YES NO

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? ..... NA YES NO

How were bottles sealed in plastic bags? ..... Individually Grouped Not

Did all bottles arrive in good condition (unbroken)? ..... YES NO

Were all bottle labels complete and legible? ..... YES NO

Did the number of containers listed on COC match with the number of containers received? ..... YES NO

Did all bottle labels and tags agree with custody papers? ..... YES NO

Were all bottles used correct for the requested analyses? ..... YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ... NA YES NO

Were all VOC vials free of air bubbles? ..... NA YES NO

Was sufficient amount of sample sent in each bottle? ..... YES NO

Date VOC Trip Blank was made at ARI..... NA _____

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: _____ Date: 8/17/23 Time: 1613 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 23H0451

Cooler#: _____ **Temperature(°C):** 22.1°

Sample ID	Bottle Count	Bottle Type
Samples above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 8/27/23 Time: 1544

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Aug-2023 09:45

SO-TC-329A-081723

23H0451-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 08/17/2023 11:30
Instrument: ICP3 Analyst: DOE — Analyzed: 08/25/2023 09:11

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23H0451-01 A 02
Preparation Batch: BLH0667 — Sample Size: 25 mL (wet)
Prepared: 08/24/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0450	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Aug-2023 09:45

SO-TC-329A-081723

23H0451-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/17/2023 11:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 08/21/2023 16:55

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23H0451-01 A

Preparation Batch: BLH0568 — Sample Size: 20.5769 g (wet)

Prepared: 08/21/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	10.3	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Aug-2023 09:45

SO-TC-329B-081723

23H0451-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 08/17/2023 11:40

Instrument: ICP3 Analyst: DOE — Analyzed: 08/25/2023 09:14

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23H0451-02 A 02

Preparation Batch: BLH0667 — Sample Size: 25 mL (wet)

Prepared: 08/24/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.174	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Aug-2023 09:45

SO-TC-329B-081723

23H0451-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/17/2023 11:40

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 08/21/2023 16:55

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23H0451-02 A

Preparation Batch: BLH0568 — Sample Size: 20.5079 g (wet)

Prepared: 08/21/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	10.5	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Aug-2023 09:45

SO-TC-329C-081723

23H0451-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 08/17/2023 11:50

Instrument: ICP3 Analyst: DOE — Analyzed: 08/25/2023 09:17

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23H0451-03 A 02

Preparation Batch: BLH0667 — Sample Size: 25 mL (wet)

Prepared: 08/24/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0485	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Aug-2023 09:45

SO-TC-329C-081723

23H0451-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/17/2023 11:50

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 08/21/2023 16:55

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23H0451-03 A

Preparation Batch: BLH0568 — Sample Size: 20.877 g (wet)

Prepared: 08/21/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	11.1	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Aug-2023 09:45

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLH0667 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLH0667-BLK1)					Prepared: 24-Aug-2023 Analyzed: 25-Aug-2023 09:00						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Aug-2023 09:45

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BLH0568 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BLH0568-BS1)				Prepared: 21-Aug-2023 Analyzed: 21-Aug-2023 16:55							
pH	7.00	0.01	0.01	pH Units	7.0000		100	99.2-100.8			
Duplicate (BLH0568-DUP1)		**Source: 23H0451-01**		Prepared: 21-Aug-2023 Analyzed: 21-Aug-2023 16:55							
pH	10.2	0.01	0.01	pH Units		10.3			0.68	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Aug-2023 09:45

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Aug-2023 09:45

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

05 September 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23H0703	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2023.09.05 13:15:11 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 23H0703	Turn-around Requested: 3 Day	Date: 8/30/2023	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-330A-083023	08/30/23	09:10	SOIL	1	✔	✔	
SO-TC-330B-083023	08/30/23	09:20	SOIL	1	✔	✔	
SO-TC-330C-083023	08/30/23	09:30	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
	(Signature) Kenny King	(Signature)	(Signature)	(Signature)
	Printed Name: Kenny King	Printed Name: SEAN RADMAN	Printed Name:	Printed Name:
	Company: PERC	Company: ARI LLC	Company:	Company:
	Date & Time: 8/30/23 13:20	Date & Time: 8-30-23 13:20	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Sep-2023 13:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-330A-083023	23H0703-01	Solid	30-Aug-2023 09:10	30-Aug-2023 13:20
SO-TC-330B-083023	23H0703-02	Solid	30-Aug-2023 09:20	30-Aug-2023 13:20
SO-TC-330C-083023	23H0703-03	Solid	30-Aug-2023 09:30	30-Aug-2023 13:20

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Sep-2023 13:13

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 23H0703

Sample receipt

Samples as listed on the preceding page were received 30-Aug-2023 13:20 under ARI work order 23H0703. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals with EPA Method 6010D

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

The matrix spike (MS) percent recoveries were within control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

COC No(s): _____ (NA)

Assigned ARI Job No: 23H0703

Project Name: Superior Plastics

Delivered by: Fed-Ex UPS Courier Hand Delivered Other _____

Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 13:20 24

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: D04708

Cooler Accepted by: SR Date: 8-30-23 Time 13:20

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		None	
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time _____ Equipment: _____ Split by: _____

Samples Logged by: MD Date 08/30/23 Time 1451 Labels checked by: MD

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 23H0703

Cooler#:	Temperature(°C): 2.4	
Sample ID	Bottle Count	Bottle Type
Samples received above 6	4	All containers received

Cooler#:	Temperature(°C):	
Sample ID	Bottle Count	Bottle Type

Cooler#:	Temperature(°C):	
Sample ID	Bottle Count	Bottle Type

Cooler#:	Temperature(°C):	
Sample ID	Bottle Count	Bottle Type

Completed by: SR Date: 8-30-23 Time: 1510

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Sep-2023 13:13

SO-TC-330A-083023

23H0703-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 08/30/2023 09:10

Instrument: ICP3 Analyst: DOE — Analyzed: 09/01/2023 11:53

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23H0703-01 A 02

Preparation Batch: BLI0001 — Sample Size: 25 mL (wet)

Prepared: 09/01/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0465	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0090	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Sep-2023 13:13

SO-TC-330A-083023

23H0703-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/30/2023 09:10

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 09/01/2023 12:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23H0703-01 A 02

Preparation Batch: BLH0864 — Sample Size: 20.4586 g (wet)

Prepared: 08/31/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.57	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Sep-2023 13:13

SO-TC-330B-083023

23H0703-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 08/30/2023 09:20

Instrument: ICP3 Analyst: DOE — Analyzed: 09/01/2023 11:50

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23H0703-02 A 02

Preparation Batch: BLI0001 — Sample Size: 25 mL (wet)

Prepared: 09/01/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0825	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0125	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Sep-2023 13:13

SO-TC-330B-083023

23H0703-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/30/2023 09:20

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 09/01/2023 12:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23H0703-02 A 02

Preparation Batch: BLH0864 — Sample Size: 20.2569 g (wet)

Prepared: 08/31/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.62	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Sep-2023 13:13

SO-TC-330C-083023

23H0703-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 08/30/2023 09:30

Instrument: ICP3 Analyst: DOE — Analyzed: 09/01/2023 11:47

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23H0703-03 A 02

Preparation Batch: BLI0001 — Sample Size: 25 mL (wet)

Prepared: 09/01/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0435	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0110	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Sep-2023 13:13

SO-TC-330C-083023

23H0703-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 08/30/2023 09:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 09/01/2023 12:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23H0703-03 A 02

Preparation Batch: BLH0864 — Sample Size: 20.1004 g (wet)

Prepared: 08/31/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.83	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Sep-2023 13:13

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLI0001 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLI0001-BLK1)					Prepared: 01-Sep-2023 Analyzed: 01-Sep-2023 11:44						
Arsenic	0.0155	0.0140	0.250	mg/L							J
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BLI0001-DUP1)		**Source: 23H0703-01**			Prepared: 01-Sep-2023 Analyzed: 01-Sep-2023 11:55						
Arsenic	0.0750	0.0140	0.250	mg/L		0.0465			46.90	20	L, J
Lead	ND	0.0065	0.100	mg/L		0.0090					U
Matrix Spike (BLI0001-MS1)		**Source: 23H0703-01**			Prepared: 01-Sep-2023 Analyzed: 01-Sep-2023 11:58						
Arsenic	4.41	0.0140	0.250	mg/L	4.0000	0.0465	109	75-125			
Lead	4.12	0.0065	0.100	mg/L	4.0000	0.0090	103	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Sep-2023 13:13

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BLH0864 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BLH0864-BS1)				Prepared: 31-Aug-2023 Analyzed: 01-Sep-2023 12:48							
pH	7.00	0.01	0.01	pH Units	7.0000		100	99.2-100.8			
Duplicate (BLH0864-DUP1)		**Source: 23H0703-01**		Prepared: 31-Aug-2023 Analyzed: 01-Sep-2023 12:48							
pH	9.54	0.01	0.01	pH Units		9.57			0.31	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Sep-2023 13:13

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Sep-2023 13:13

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

10 October 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23I0818	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2023.10.10 16:57:37 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 23I0818	Turn-around Requested: 3 Day	Date: 9/27/2023	
ARI Client Company: PERC	Phone: 4253460921	Page:	of
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 21.9 °C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-331A-092723	09/27/23	12:50	SOIL	1	✔	✔							
SO-TC-331B-092723	09/27/23	13:00	SOIL	1	✔	✔							
SO-TC-331C-092723	09/27/23	13:10	SOIL	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Kenny King	Matthew Rentz		
	Printed Name: Kenny King	Printed Name: Matthew Rentz	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 9/27/23 16:36	Date & Time: 09/27/23 1636	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2023 16:56

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-331A-092723	23I0818-01	Solid	27-Sep-2023 12:50	27-Sep-2023 16:36
SO-TC-331B-092723	23I0818-02	Solid	27-Sep-2023 13:00	27-Sep-2023 16:36
SO-TC-331C-092723	23I0818-03	Solid	27-Sep-2023 13:10	27-Sep-2023 16:36

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2023 16:56

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 23I0818

Sample receipt

Samples as listed on the preceding page were received 27-Sep-2023 16:36 under ARI work order 23I0818. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals EPA Method 1311 & 6010D

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superior Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 23I0818
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 21.9
Time 1636
If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: 500908
Cooler Accepted by: MD Date: 09/27/23 Time: 1636

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 9/28/23 Time: 10:16 Labels checked by:

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2023 16:56

SO-TC-331A-092723

23I0818-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 09/27/2023 12:50

Instrument: ICP3 Analyst: DOE — Analyzed: 10/04/2023 10:57

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23I0818-01 A 02

Preparation Batch: BLJ0055 — Sample Size: 25 mL (wet)

Prepared: 10/03/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0240	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2023 16:56

SO-TC-331A-092723

23I0818-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/27/2023 12:50

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 10/06/2023 12:22

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23I0818-01 A

Preparation Batch: BLJ0031 — Sample Size: 20.0996 g (wet)

Prepared: 10/02/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.88	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2023 16:56

SO-TC-331B-092723

23I0818-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 09/27/2023 13:00

Instrument: ICP3 Analyst: DOE — Analyzed: 10/04/2023 11:00

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23I0818-02 A 02

Preparation Batch: BLJ0055 — Sample Size: 25 mL (wet)

Prepared: 10/03/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0450	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2023 16:56

SO-TC-331B-092723

23I0818-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/27/2023 13:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 10/06/2023 12:22

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23I0818-02 A

Preparation Batch: BLJ0031 — Sample Size: 20.69 g (wet)

Prepared: 10/02/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.17	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2023 16:56

SO-TC-331C-092723

23I0818-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 09/27/2023 13:10

Instrument: ICP3 Analyst: DOE — Analyzed: 10/04/2023 11:03

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23I0818-03 A 02

Preparation Batch: BLJ0055 — Sample Size: 25 mL (wet)

Prepared: 10/03/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.168	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0260	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2023 16:56

SO-TC-331C-092723

23I0818-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 09/27/2023 13:10

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 10/06/2023 12:22

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23I0818-03 A

Preparation Batch: BLJ0031 — Sample Size: 20.5896 g (wet)

Prepared: 10/02/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.40	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2023 16:56

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLJ0055 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLJ0055-BLK1)					Prepared: 03-Oct-2023 Analyzed: 04-Oct-2023 09:27						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2023 16:56

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BLJ0031 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BLJ0031-BS1)				Prepared: 02-Oct-2023 Analyzed: 06-Oct-2023 12:22							
pH	7.01	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BLJ0031-DUP1)		**Source: 23I0818-01**		Prepared: 02-Oct-2023 Analyzed: 06-Oct-2023 12:22							
pH	9.79	0.01	0.01	pH Units		9.88			0.92	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2023 16:56

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Oct-2023 16:56

Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
D	The reported value is from a dilution
H	Hold time violation - Hold time was exceeded.
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

09 October 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23J0104	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2023.10.09 14:03:33 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 23J0104	Turn-around Requested: 3 Day	Date: 10/3/2023	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps: 2.2°
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-332A-100323	10/03/23	13:25	SOIL	1	✔	✔	
SO-TC-332B-100323	10/03/23	13:35	SOIL	1	✔	✔	
SO-TC-332C-100323	10/03/23	13:45	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Ronan M.	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 10/3/23 16:47	Date & Time: 10/3/23 1647	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Oct-2023 13:36

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-332A-100323	23J0104-01	Solid	03-Oct-2023 13:25	03-Oct-2023 16:47
SO-TC-332B-100323	23J0104-02	Solid	03-Oct-2023 13:35	03-Oct-2023 16:47
SO-TC-332C-100323	23J0104-03	Solid	03-Oct-2023 13:45	03-Oct-2023 16:47

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Oct-2023 13:36

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 23J0104

Sample receipt

Samples as listed on the preceding page were received 03-Oct-2023 16:47 under ARI work order 23J0104. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals with EPA Method 6010D

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 23J0104
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 22.2°

Time 1647

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 9708

Cooler Accepted by: Date: 10/3/23 Time: 1647

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 10/3/23 Time: 1658 Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 23J0104

Cooler#: _____ **Temperature(°C):** 22.2°

Sample ID	Bottle Count	Bottle Type
Samples above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 10/3/23 Time: 1647

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Oct-2023 13:36

SO-TC-332A-100323

23J0104-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 10/03/2023 13:25
Instrument: ICP3 Analyst: DOE — Analyzed: 10/06/2023 09:35

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23J0104-01 A 02
Preparation Batch: BLJ0171 — Sample Size: 25 mL (wet)
Prepared: 10/05/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.217	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Oct-2023 13:36

SO-TC-332A-100323

23J0104-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/03/2023 13:25

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 10/06/2023 12:45

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23J0104-01 A

Preparation Batch: BLJ0202 — Sample Size: 20 g (wet)

Prepared: 10/05/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.63	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Oct-2023 13:36

SO-TC-332B-100323

23J0104-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 10/03/2023 13:35

Instrument: ICP3 Analyst: DOE — Analyzed: 10/06/2023 09:38

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23J0104-02 A 02

Preparation Batch: BLJ0171 — Sample Size: 25 mL (wet)

Prepared: 10/05/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.251	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Oct-2023 13:36

SO-TC-332B-100323

23J0104-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/03/2023 13:35

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 10/06/2023 12:45

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23J0104-02 A

Preparation Batch: BLJ0202 — Sample Size: 20 g (wet)

Prepared: 10/05/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.68	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Oct-2023 13:36

SO-TC-332C-100323

23J0104-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 10/03/2023 13:45

Instrument: ICP3 Analyst: DOE — Analyzed: 10/06/2023 09:41

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23J0104-03 A 02

Preparation Batch: BLJ0171 — Sample Size: 25 mL (wet)

Prepared: 10/05/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.149	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Oct-2023 13:36

SO-TC-332C-100323

23J0104-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/03/2023 13:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 10/06/2023 12:45

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23J0104-03 A

Preparation Batch: BLJ0202 — Sample Size: 20 g (wet)

Prepared: 10/05/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.83	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Oct-2023 13:36

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLJ0171 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLJ0171-BLK1)					Prepared: 05-Oct-2023 Analyzed: 06-Oct-2023 09:29						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Oct-2023 13:36

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BLJ0202 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BLJ0202-BS1)				Prepared: 05-Oct-2023 Analyzed: 06-Oct-2023 12:45							
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Oct-2023 13:36

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-Oct-2023 13:36

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

17 October 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23J0310	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2023.10.17 16:45:41 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 23J0310	Turn-around Requested: 3 Day	Date: 10/10/2023	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps: 2.1.7
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Oliva-Membreno		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-333A-101023	10/10/23	13:50	SOIL	1	✔	✔	
SO-TC-333B-101023	10/10/23	14:00	SOIL	1	✔	✔	
SO-TC-333C-101023	10/10/23	14:10	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Phillip Bates	Printed Name:	Printed Name:
	Company: PERC	Company: AR	Company:	Company:
	Date & Time: 10/10/2023 16:42	Date & Time: 10/10/23 16:42	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Oct-2023 16:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-333A-101023	23J0310-01	Solid	09-Oct-2023 13:50	10-Oct-2023 16:42
SO-TC-333B-101023	23J0310-02	Solid	09-Oct-2023 14:00	10-Oct-2023 16:42
SO-TC-333C-101023	23J0310-03	Solid	09-Oct-2023 14:10	10-Oct-2023 16:42

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Oct-2023 16:44

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 23J0310

Sample receipt

Samples as listed on the preceding page were received 10-Oct-2023 16:42 under ARI work order 23J0310. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superion plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 23J0310
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time	16:42	21.7					

If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: 300970S

Cooler Accepted by: EB Date: 10/10/23 Time: 16:42

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 10/10/23 Time: 1648 Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 23J0310

Cooler#: _____ **Temperature(°C):** 21.7

Sample ID	Bottle Count	Bottle Type
Bottles received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: PIB Date: 10/10/23 Time: 16:42

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Oct-2023 16:44

SO-TC-333A-101023

23J0310-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 10/09/2023 13:50
Instrument: ICP3 Analyst: DOE — Analyzed: 10/16/2023 08:18

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23J0310-01 A 02
Preparation Batch: BLJ0442 — Sample Size: 25 mL (wet)
Prepared: 10/13/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0995	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0920	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Oct-2023 16:44

SO-TC-333A-101023

23J0310-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/09/2023 13:50

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 10/16/2023 18:03

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23J0310-01 A 02

Preparation Batch: BLJ0463 — Sample Size: 20 g (wet)

Prepared: 10/13/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.99	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Oct-2023 16:44

SO-TC-333B-101023

23J0310-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 10/09/2023 14:00

Instrument: ICP3 Analyst: DOE — Analyzed: 10/16/2023 08:21

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23J0310-02 A 02

Preparation Batch: BLJ0442 — Sample Size: 25 mL (wet)

Prepared: 10/13/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.106	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0140	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Oct-2023 16:44

SO-TC-333B-101023

23J0310-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/09/2023 14:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 10/16/2023 18:03

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23J0310-02 A 02

Preparation Batch: BLJ0463 — Sample Size: 20 g (wet)

Prepared: 10/13/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.98	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Oct-2023 16:44

SO-TC-333C-101023

23J0310-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 10/09/2023 14:10

Instrument: ICP3 Analyst: DOE — Analyzed: 10/16/2023 08:24

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23J0310-03 A 02

Preparation Batch: BLJ0442 — Sample Size: 25 mL (wet)

Prepared: 10/13/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.454	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.160	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Oct-2023 16:44

SO-TC-333C-101023

23J0310-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/09/2023 14:10

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 10/16/2023 18:03

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23J0310-03 A 02

Preparation Batch: BLJ0463 — Sample Size: 20 g (wet)

Prepared: 10/13/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.44	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Oct-2023 16:44

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLJ0442 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLJ0442-BLK1)					Prepared: 13-Oct-2023 Analyzed: 16-Oct-2023 08:15						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Oct-2023 16:44

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BLJ0463 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BLJ0463-BS1)				Prepared: 13-Oct-2023 Analyzed: 16-Oct-2023 18:03							
pH	7.01	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Oct-2023 16:44

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	17-Oct-2023 16:44

Notes and Definitions

*	Flagged value is not within established control limits.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

02 November 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23J0611	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2023.11.02 12:29:55 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 23J0611	Turn-around Requested: 3 Day	Date: 10/23/2023	
ARI Client Company: PERC	Phone: 4253460921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 20.8°
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: Oliva-Membreno		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-334A-102323	10/23/23	11:30	SOIL	1	✔	✔	
SO-TC-334B-102323	10/23/23	11:40	SOIL	1	✔	✔	
SO-TC-334C-102323	10/23/23	11:50	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Matthew Pierce	Printed Name:	Printed Name:
	Company: PERC	Company: ARI LLC	Company:	Company:
	Date & Time: 10/23/23 16:37	Date & Time: 10/23/23 1637	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2023 12:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-334A-102323	23J0611-01	Solid	23-Oct-2023 11:30	23-Oct-2023 16:37
SO-TC-334B-102323	23J0611-02	Solid	23-Oct-2023 11:40	23-Oct-2023 16:37
SO-TC-334C-102323	23J0611-03	Solid	23-Oct-2023 11:50	23-Oct-2023 16:37

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2023 12:28

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 23J0611

Sample receipt

Samples as listed on the preceding page were received 23-Oct-2023 16:37 under ARI work order 23J0611. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals - EPA Method 1311 and 6010D

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 23J0611 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1637 20.8°C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 30097708

Cooler Accepted by: MD Date: 10/23/23 Time: 1637

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: [signature] Date: 10/24/23 Time: 0903 Labels checked by: LB

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 23J0611

Cooler#: 1 **Temperature(°C):** 20.5 °C

Sample ID	Bottle Count	Bottle Type
Samples received above 6.0°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: MD Date: 10/23/23 Time: 1637

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2023 12:28

SO-TC-334A-102323

23J0611-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 10/23/2023 11:30
Instrument: ICP3 Analyst: DOE — Analyzed: 10/26/2023 10:03

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23J0611-01 A 02
Preparation Batch: BLJ0773 — Sample Size: 25 mL (wet)
Prepared: 10/25/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.134	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2023 12:28

SO-TC-334A-102323

23J0611-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/23/2023 11:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 10/31/2023 16:27

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23J0611-01 A

Preparation Batch: BLJ0917 — Sample Size: 20.1057 g (wet)

Prepared: 10/30/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	11.2	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2023 12:28

SO-TC-334B-102323

23J0611-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 10/23/2023 11:40

Instrument: ICP3 Analyst: DOE — Analyzed: 10/26/2023 10:06

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23J0611-02 A 02

Preparation Batch: BLJ0773 — Sample Size: 25 mL (wet)

Prepared: 10/25/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0740	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2023 12:28

SO-TC-334B-102323

23J0611-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/23/2023 11:40

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 10/31/2023 16:27

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23J0611-02 A

Preparation Batch: BLJ0917 — Sample Size: 20.8692 g (wet)

Prepared: 10/30/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	10.8	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2023 12:28

SO-TC-334C-102323

23J0611-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 10/23/2023 11:50

Instrument: ICP3 Analyst: DOE — Analyzed: 10/26/2023 10:09

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23J0611-03 A 02

Preparation Batch: BLJ0773 — Sample Size: 25 mL (wet)

Prepared: 10/25/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0755	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2023 12:28

SO-TC-334C-102323

23J0611-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 10/23/2023 11:50

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 10/31/2023 16:27

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23J0611-03 A

Preparation Batch: BLJ0917 — Sample Size: 20.4299 g (wet)

Prepared: 10/30/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	10.8	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2023 12:28

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLJ0773 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLJ0773-BLK1)					Prepared: 25-Oct-2023 Analyzed: 26-Oct-2023 09:51						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2023 12:28

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BLJ0917 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BLJ0917-BS1)				Prepared: 30-Oct-2023 Analyzed: 31-Oct-2023 16:27							
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2023 12:28

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	02-Nov-2023 12:28

Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

10 November 2023

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
23K0033	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 23K0033	Turn-around Requested: 3 Day
ARI Client Company: PERC	Phone: 4253460921
Client Contact: Kenny King	
Client Project Name: Superlon Plastics	
Client Project #: SLON	Samplers: King

Date: 11/1/2023	
Page:	of
No. of Coolers:	Cooler Temps:

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-335A-110123	11/01/23	09:25	SOIL	1	✔	✔	
SO-TC-335B-110123	11/01/23	09:35	SOIL	1	✔	✔	
SO-TC-335C-110123	11/01/23	09:45	SOIL	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Rennan	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 11/1/23 16:37	Date & Time: 11/1/23 1637	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: Unless specified by workorder or contract, all water/soil samples submitted to ARI will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Nov-2023 12:15

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-335A-110123	23K0033-01	Solid	01-Nov-2023 09:25	01-Nov-2023 16:37
SO-TC-335B-110123	23K0033-02	Solid	01-Nov-2023 09:35	01-Nov-2023 16:37
SO-TC-335C-110123	23K0033-03	Solid	01-Nov-2023 09:45	01-Nov-2023 16:37

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Nov-2023 12:15

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 23K0033

Sample receipt

Samples as listed on the preceding page were received 01-Nov-2023 16:37 under ARI work order 23K0033. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank(s) were clean at the reporting limits.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC | Project Name: Superior Plastics

COC No(s): NA | Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 23K0033 | Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1637 | 16.8°

If cooler temperature is out of compliance fill out form 00070F | Temp Gun ID#: 7208

Cooler Accepted by: | Date: 11/1/23 | Time: 1637

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: | Date: 11/1/23 | Time: 1644 | Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 23K0033

Cooler#: 1 Temperature(°C): 16.8°

Sample ID	Bottle Count	Bottle Type
Sample cooler 6°C		

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Cooler#: Temperature(°C):

Sample ID	Bottle Count	Bottle Type

Completed by: Date: 11/1/23 Time: 1632

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Nov-2023 12:15

SO-TC-335A-110123

23K0033-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/01/2023 09:25
Instrument: ICP3 Analyst: DOE — Analyzed: 11/06/2023 08:43

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23K0033-01 A 02
Preparation Batch: BLK0123 — Sample Size: 25 mL
Prepared: 11/03/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.365	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Nov-2023 12:15

SO-TC-335A-110123

23K0033-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/01/2023 09:25

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 11/09/2023 14:31

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23K0033-01 A 02

Preparation Batch: BLK0221 — Sample Size: 20.5517 g (wet)

Prepared: 11/07/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	11.2	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Nov-2023 12:15

SO-TC-335B-110123

23K0033-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/01/2023 09:35

Instrument: ICP3 Analyst: DOE — Analyzed: 11/06/2023 08:46

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23K0033-02 A 02

Preparation Batch: BLK0123 — Sample Size: 25 mL

Prepared: 11/03/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0955	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Nov-2023 12:15

SO-TC-335B-110123

23K0033-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/01/2023 09:35

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 11/09/2023 14:31

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23K0033-02 A 02

Preparation Batch: BLK0221 — Sample Size: 20.7679 g (wet)

Prepared: 11/07/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	12.2	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Nov-2023 12:15

SO-TC-335C-110123

23K0033-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 11/01/2023 09:45

Instrument: ICP3 Analyst: DOE — Analyzed: 11/06/2023 08:49

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 23K0033-03 A 02

Preparation Batch: BLK0123 — Sample Size: 25 mL

Prepared: 11/03/2023 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0770	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Nov-2023 12:15

SO-TC-335C-110123

23K0033-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 11/01/2023 09:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 11/09/2023 14:31

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 23K0033-03 A 02

Preparation Batch: BLK0221 — Sample Size: 20.1205 g (wet)

Prepared: 11/07/2023 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	10.7	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Nov-2023 12:15

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BLK0123 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BLK0123-BLK1)					Prepared: 03-Nov-2023 Analyzed: 06-Nov-2023 08:25						
Arsenic	0.0155	0.0140	0.250	mg/L							J
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Nov-2023 12:15

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BLK0221 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BLK0221-BS1)				Prepared: 07-Nov-2023 Analyzed: 09-Nov-2023 14:31							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			
Duplicate (BLK0221-DUP2)		**Source: 23K0033-01**		Prepared: 07-Nov-2023 Analyzed: 09-Nov-2023 14:31							
pH	11.1	0.01	0.01	pH Units		11.2			0.36	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	10-Nov-2023 12:15

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Water	
Arsenic	NELAP,DoD-ELAP,WADOE
Lead	DoD-ELAP,NELAP,WADOE
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	10-Nov-2023 12:15

Notes and Definitions

*	Flagged value is not within established control limits.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

12 April 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24D0200	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.04.12 17:19:05 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24D0200	Turn-around Requested: 3 Day	Date: 4/8/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-336A-040824	04/08/24	07:30	Soil	1	✔	✔							
SO-TC-336B-040824	04/08/24	07:45	Soil	1	✔	✔							
SO-TC-336C-040824	04/08/24	08:00	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Roum A.	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/8/24 16:45	Date & Time: 4/8/24 1645	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Apr-2024 17:10

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-336A-040824	24D0200-01	Solid	08-Apr-2024 07:30	08-Apr-2024 16:45
SO-TC-336B-040824	24D0200-02	Solid	08-Apr-2024 07:45	08-Apr-2024 16:45
SO-TC-336C-040824	24D0200-03	Solid	08-Apr-2024 08:00	08-Apr-2024 16:45

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Apr-2024 17:10

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24D0200

Sample receipt

Samples as listed on the preceding page were received 08-Apr-2024 16:45 under ARI work order 24D0200. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals - EPA Method 1311 & 6010D

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PEKL
Project Name: Saperlon Plastics
COC No(s): _____ (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____
Assigned ARI Job No: 24D0200
Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)
Were custody papers included with the cooler? (YES) NO
Were custody papers properly filled out (ink, signed, etc.) (YES) NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 18.2°
Time 1645
If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: 9208
Cooler Accepted by: _____ Date: 4/8/24 Time: 1645

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____
Was sufficient ice used (if appropriate)? NA YES (NO)
How were bottles sealed in plastic bags? Individually (Grouped) Not
Did all bottles arrive in good condition (unbroken)? (YES) NO
Were all bottle labels complete and legible? (YES) NO
Did the number of containers listed on COC match with the number of containers received? (YES) NO
Did all bottle labels and tags agree with custody papers? (YES) NO
Were all bottles used correct for the requested analyses? (YES) NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ... (NA) YES NO
Were all VOC vials free of air bubbles? (NA) YES NO
Was sufficient amount of sample sent in each bottle? (YES) NO
Date VOC Trip Blank was made at ARI ... (NA) _____
Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: _____ Date: 4/8/24 Time: 1650 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Apr-2024 17:10

SO-TC-336A-040824

24D0200-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/08/2024 07:30

Instrument: ICP3 Analyst: DOE — Analyzed: 04/11/2024 10:49

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0200-01 A 02

Preparation Batch: BMD0261 — Sample Size: 25 mL (wet)

Prepared: 04/10/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0920	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Apr-2024 17:10

SO-TC-336A-040824

24D0200-01RE1 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/08/2024 07:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 04/12/2024 15:35

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0200-01RE1 A

Preparation Batch: BMD0340 — Sample Size: 20.3929 g (wet)

Prepared: 04/12/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.68	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Apr-2024 17:10

SO-TC-336B-040824

24D0200-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/08/2024 07:45

Instrument: ICP3 Analyst: DOE — Analyzed: 04/11/2024 10:52

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0200-02 A 02

Preparation Batch: BMD0261 — Sample Size: 25 mL (wet)

Prepared: 04/10/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0940	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Apr-2024 17:10

SO-TC-336B-040824

24D0200-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/08/2024 07:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 04/12/2024 15:35

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0200-02 A

Preparation Batch: BMD0340 — Sample Size: 20.4188 g (wet)

Prepared: 04/12/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.72	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Apr-2024 17:10

SO-TC-336C-040824

24D0200-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/08/2024 08:00

Instrument: ICP3 Analyst: DOE — Analyzed: 04/11/2024 10:55

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0200-03 A 02

Preparation Batch: BMD0261 — Sample Size: 25 mL (wet)

Prepared: 04/10/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0625	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Apr-2024 17:10

SO-TC-336C-040824

24D0200-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/08/2024 08:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 04/12/2024 15:35

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0200-03 A

Preparation Batch: BMD0340 — Sample Size: 20.0396 g (wet)

Prepared: 04/12/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.58	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Apr-2024 17:10

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMD0261 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMD0261-BLK1)	Prepared: 10-Apr-2024 Analyzed: 11-Apr-2024 10:34										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Apr-2024 17:10

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BMD0340 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMD0340-BS1)				Prepared: 12-Apr-2024 Analyzed: 12-Apr-2024 15:35							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			
Duplicate (BMD0340-DUP2)		**Source: 24D0200-01RE1**		Prepared: 12-Apr-2024 Analyzed: 12-Apr-2024 15:35							
pH	9.69	0.01	0.01	pH Units		9.68			0.10	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Apr-2024 17:10

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	12-Apr-2024 17:10

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

16 April 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24D0236	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.04.16 09:09:48 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24D0236	Turn-around Requested: 3 Day	Date: 04/09/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-337A-040924	04/09/24	09:30	Soil	1	✔	✔							
SO-TC-337B-040924	04/09/24	09:45	Soil	1	✔	✔							
SO-TC-337C-040924	04/09/24	10:00	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	4/9/24 16:42		Grant Davis	ARI	4/9/24 16:43								

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Apr-2024 09:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-337A-040924	24D0236-01	Solid	09-Apr-2024 09:30	09-Apr-2024 16:43
SO-TC-337B-040924	24D0236-02	Solid	09-Apr-2024 09:45	09-Apr-2024 16:43
SO-TC-337C-040924	24D0236-03	Solid	09-Apr-2024 10:00	09-Apr-2024 16:43

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Apr-2024 09:05

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24D0236

Sample receipt

Samples as listed on the preceding page were received 09-Apr-2024 16:43 under ARI work order 24D0236. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics (SLON)
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 24D0236
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 16:43 — 20.7

If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: 3009708

Cooler Accepted by: Grant Davis Date: 4/9/24 Time: 16:43

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other		GD 4/9/24 N/A	
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: GD Date: 4/9/24 Time: 16:53 Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24D0236

Cooler#: _____ **Temperature(°C):** 20.7

Sample ID	Bottle Count	Bottle Type
SO-TC-337A-040924	1	8oz Jar
SOTC-337B-040924	1	↓
SOTC-337C-040924	1	

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 4/9/24 Time: 16:43

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Apr-2024 09:05

SO-TC-337A-040924
24D0236-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/09/2024 09:30
Instrument: ICP3 Analyst: SH — Analyzed: 04/12/2024 15:26

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0236-01 A 01
Preparation Batch: BMD0293 — Sample Size: 25 mL (wet)
Prepared: 04/11/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0430	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0105	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Apr-2024 09:05

SO-TC-337A-040924

24D0236-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/09/2024 09:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 04/12/2024 15:35

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0236-01 A

Preparation Batch: BMD0340 — Sample Size: 20.2969 g (wet)

Prepared: 04/12/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.42	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Apr-2024 09:05

SO-TC-337B-040924

24D0236-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/09/2024 09:45

Instrument: ICP3 Analyst: SH — Analyzed: 04/12/2024 15:29

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0236-02 A 01

Preparation Batch: BMD0293 — Sample Size: 25 mL (wet)

Prepared: 04/11/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0390	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Apr-2024 09:05

SO-TC-337B-040924

24D0236-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/09/2024 09:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 04/12/2024 15:35

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0236-02 A

Preparation Batch: BMD0340 — Sample Size: 20.7873 g (wet)

Prepared: 04/12/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.67	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Apr-2024 09:05

SO-TC-337C-040924

24D0236-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/09/2024 10:00

Instrument: ICP3 Analyst: SH — Analyzed: 04/12/2024 15:32

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0236-03 A 01

Preparation Batch: BMD0293 — Sample Size: 25 mL (wet)

Prepared: 04/11/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0255	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Apr-2024 09:05

SO-TC-337C-040924

24D0236-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/09/2024 10:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 04/12/2024 15:35

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0236-03 A

Preparation Batch: BMD0340 — Sample Size: 20.2412 g (wet)

Prepared: 04/12/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.30	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Apr-2024 09:05

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMD0293 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMD0293-BLK1)					Prepared: 11-Apr-2024 Analyzed: 12-Apr-2024 15:22						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Apr-2024 09:05

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BMD0340 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMD0340-BS1)				Prepared: 12-Apr-2024 Analyzed: 12-Apr-2024 15:35							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Apr-2024 09:05

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Apr-2024 09:05

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

19 April 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24D0260	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.04.19 15:42:43 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24D0260	Turn-around Requested: 3 Day	Date: 4/10/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C	Analysis Requested						Notes/Comments
SO-TC-338A-041024	04/10/24	13:00	Soil	1	✔	✔							
SO-TC-338B-041024	04/10/24	13:15	Soil	1	✔	✔							
SO-TC-338C-041024	04/10/24	13:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Grant Davis	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/10/24 16:35	Date & Time: 4/10/24 16:36	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	19-Apr-2024 15:41

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-338A-041024	24D0260-01	Solid	10-Apr-2024 13:00	10-Apr-2024 16:36
SO-TC-338B-041024	24D0260-02	Solid	10-Apr-2024 13:15	10-Apr-2024 16:36
SO-TC-338C-041024	24D0260-03	Solid	10-Apr-2024 13:30	10-Apr-2024 16:36

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2024 15:41

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24D0260

Sample receipt

Samples as listed on the preceding page were received 10-Apr-2024 16:36 under ARI work order 24D0260. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Perc
Project Name: Superlon Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 24D0260
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 16:36 — 2.6

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: 300970

Cooler Accepted by: [signature] Date: 4/10/24 Time: 16:36

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: [signature] Date: 07:34 Time: 4/11/24 Labels checked by:

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24D0260

Cooler#: _____ **Temperature(°C):** 29.6

Sample ID	Bottle Count	Bottle Type
PERC		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 4/10/24 Time: 16:36

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2024 15:41

SO-TC-338A-041024

24D0260-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/10/2024 13:00

Instrument: ICP3 Analyst: SH — Analyzed: 04/18/2024 13:58

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0260-01 A 02

Preparation Batch: BMD0447 — Sample Size: 25 mL (wet)

Prepared: 04/17/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0800	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2024 15:41

SO-TC-338A-041024

24D0260-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/10/2024 13:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 04/12/2024 15:35

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0260-01 A

Preparation Batch: BMD0340 — Sample Size: 20.1792 g (wet)

Prepared: 04/12/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.46	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2024 15:41

SO-TC-338B-041024

24D0260-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/10/2024 13:15

Instrument: ICP3 Analyst: SH — Analyzed: 04/18/2024 14:18

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0260-02 A 02

Preparation Batch: BMD0447 — Sample Size: 25 mL (wet)

Prepared: 04/17/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0630	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2024 15:41

SO-TC-338B-041024

24D0260-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/10/2024 13:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 04/12/2024 15:35

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0260-02 A

Preparation Batch: BMD0340 — Sample Size: 20.0024 g (wet)

Prepared: 04/12/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.43	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2024 15:41

SO-TC-338C-041024

24D0260-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/10/2024 13:30

Instrument: ICP3 Analyst: SH — Analyzed: 04/18/2024 14:40

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0260-03 A 02

Preparation Batch: BMD0447 — Sample Size: 25 mL (wet)

Prepared: 04/17/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0340	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2024 15:41

SO-TC-338C-041024

24D0260-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/10/2024 13:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 04/12/2024 15:35

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0260-03 A

Preparation Batch: BMD0340 — Sample Size: 20.1925 g (wet)

Prepared: 04/12/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.48	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2024 15:41

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMD0447 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMD0447-BLK1)				Prepared: 17-Apr-2024 Analyzed: 18-Apr-2024 13:51							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BMD0447-DUP1)		**Source: 24D0260-01**		Prepared: 17-Apr-2024 Analyzed: 18-Apr-2024 14:01							
Arsenic	0.0825	0.0140	0.250	mg/L		0.0800			3.08	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BMD0447-MS1)		**Source: 24D0260-01**		Prepared: 17-Apr-2024 Analyzed: 18-Apr-2024 14:04							
Arsenic	4.34	0.0140	0.250	mg/L	4.00	0.0800	107	75-125			
Lead	3.99	0.0065	0.100	mg/L	4.00	ND	99.8	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2024 15:41

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BMD0340 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMD0340-BS1)	Prepared: 12-Apr-2024 Analyzed: 12-Apr-2024 15:35										
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2024 15:41

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	19-Apr-2024 15:41

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

19 April 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24D0293	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2024.04.19 15:47:48 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24D0293	Turn-around Requested: 3 Day	Date: 4/11/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-339A-041124	04/11/24	14:15	Soil	1	✔	✔							
SO-TC-339B-041124	04/11/24	14:30	Soil	1	✔	✔							
SO-TC-339C-041124	04/11/24	14:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Grant Davis	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/11/2024 16:43	Date & Time: 4/11/24 16:44	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2024 15:46

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-339A-041124	24D0293-01	Solid	11-Apr-2024 14:15	11-Apr-2024 16:44
SO-TC-339B-041124	24D0293-02	Solid	11-Apr-2024 14:30	11-Apr-2024 16:44
SO-TC-339C-041124	24D0293-03	Solid	11-Apr-2024 14:45	11-Apr-2024 16:44

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2024 15:46

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24D0293

Sample receipt

Samples as listed on the preceding page were received 11-Apr-2024 16:44 under ARI work order 24D0293. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: ____

Assigned ARI Job No: 24D0293 Tracking No: ____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 16:44 20.3

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: J009708

Cooler Accepted by: Grant Davis Date: 4/11/24 Time: 16:44

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	(NO)
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: ____ Equipment: ____ Split by: ____

Samples Logged by: GD Date: 4/12/24 Time: 07:43 Labels checked by: ____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

PERC

ARI Work Order: 24D0293

Cooler#: _____ **Temperature(°C):** 20-3

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 4/11/24 Time: 16:44

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2024 15:46

SO-TC-339A-041124

24D0293-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/11/2024 14:15
Instrument: ICP3 Analyst: SH — Analyzed: 04/18/2024 14:43

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0293-01 A 02
Preparation Batch: BMD0447 — Sample Size: 25 mL (wet)
Prepared: 04/17/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0255	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2024 15:46

SO-TC-339A-041124

24D0293-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/11/2024 14:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 04/12/2024 15:35

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0293-01 A

Preparation Batch: BMD0340 — Sample Size: 20.3814 g (wet)

Prepared: 04/12/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.04	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2024 15:46

SO-TC-339B-041124

24D0293-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/11/2024 14:30

Instrument: ICP3 Analyst: SH — Analyzed: 04/18/2024 14:46

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0293-02 A 02

Preparation Batch: BMD0447 — Sample Size: 25 mL (wet)

Prepared: 04/17/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0240	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.102	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2024 15:46

SO-TC-339B-041124

24D0293-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/11/2024 14:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 04/12/2024 15:35

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0293-02 A

Preparation Batch: BMD0340 — Sample Size: 20.7204 g (wet)

Prepared: 04/12/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.16	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2024 15:46

SO-TC-339C-041124

24D0293-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/11/2024 14:45

Instrument: ICP3 Analyst: SH — Analyzed: 04/18/2024 14:49

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0293-03 A 02

Preparation Batch: BMD0447 — Sample Size: 25 mL (wet)

Prepared: 04/17/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0270	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	2.78	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2024 15:46

SO-TC-339C-041124

24D0293-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/11/2024 14:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 04/12/2024 15:35

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0293-03 A

Preparation Batch: BMD0340 — Sample Size: 20.0707 g (wet)

Prepared: 04/12/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.08	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2024 15:46

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMD0447 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMD0447-BLK1)					Prepared: 17-Apr-2024 Analyzed: 18-Apr-2024 13:51						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2024 15:46

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BMD0340 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMD0340-BS1)				Prepared: 12-Apr-2024 Analyzed: 12-Apr-2024 15:35							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Apr-2024 15:46

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	19-Apr-2024 15:46

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

22 April 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24D0361	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2024.04.22 16:48:31 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24D0361	Turn-around Requested: 3 Day	Date: 4/16/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-340A-041624	04/16/24	07:15	Soil	1	✔	✔	
SO-TC-340B-041624	04/16/24	07:30	Soil	1	✔	✔	
SO-TC-340C-041624	04/16/24	07:45	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: JEFF KING	Printed Name: Grant Davis	Printed Name:	Printed Name:
	Company: PERC	Company: AR	Company:	Company:
	Date & Time: 4/16/24 11:10	Date & Time: 4/16/24	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Apr-2024 16:47

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-340A-041624	24D0361-01	Solid	16-Apr-2024 07:15	16-Apr-2024 11:19
SO-TC-340B-041624	24D0361-02	Solid	16-Apr-2024 07:30	16-Apr-2024 11:19
SO-TC-340C-041624	24D0361-03	Solid	16-Apr-2024 07:45	16-Apr-2024 11:19

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Apr-2024 16:47

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24D0361

Sample receipt

Samples as listed on the preceding page were received 16-Apr-2024 11:19 under ARI work order 24D0361. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC # King

Project Name: Superlon Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24D0361

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 11:19 — 17.1

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 302970

Cooler Accepted by: [signature] Date: 4/16/24 Time: 11:19

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: [signature] Date: 4/16/24 Time: 12:20 Labels checked by:

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24D0361

Cooler#: _____ **Temperature(°C):** 17.1

Sample ID	Bottle Count	Bottle Type
King Superlon Plastics	3	16oz Jar

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 4/16/24 Time: _____

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Apr-2024 16:47

SO-TC-340A-041624

24D0361-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/16/2024 07:15
Instrument: ICP3 Analyst: SH — Analyzed: 04/18/2024 14:52

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0361-01 A 02
Preparation Batch: BMD0447 — Sample Size: 25 mL (wet)
Prepared: 04/17/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0995	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0115	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Apr-2024 16:47

SO-TC-340A-041624

24D0361-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/16/2024 07:15

Instrument: Accumet AB150 Analyst: CDE — Analyzed: 04/20/2024 13:49

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0361-01 A

Preparation Batch: BMD0546 — Sample Size: 20.38 g (wet)

Prepared: 04/20/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.56	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Apr-2024 16:47

SO-TC-340B-041624

24D0361-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/16/2024 07:30

Instrument: ICP3 Analyst: SH — Analyzed: 04/18/2024 14:55

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0361-02 A 02

Preparation Batch: BMD0447 — Sample Size: 25 mL (wet)

Prepared: 04/17/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0940	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0245	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Apr-2024 16:47

SO-TC-340B-041624

24D0361-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/16/2024 07:30

Instrument: Accumet AB150 Analyst: CDE — Analyzed: 04/20/2024 13:49

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0361-02 A

Preparation Batch: BMD0546 — Sample Size: 20.38 g (wet)

Prepared: 04/20/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.50	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Apr-2024 16:47

SO-TC-340C-041624

24D0361-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/16/2024 07:45

Instrument: ICP3 Analyst: SH — Analyzed: 04/18/2024 14:58

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0361-03 A 02

Preparation Batch: BMD0447 — Sample Size: 25 mL (wet)

Prepared: 04/17/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0880	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	2.41	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Apr-2024 16:47

SO-TC-340C-041624

24D0361-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/16/2024 07:45

Instrument: Accumet AB150 Analyst: CDE — Analyzed: 04/20/2024 13:49

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0361-03 A

Preparation Batch: BMD0546 — Sample Size: 20.4 g (wet)

Prepared: 04/20/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.46	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Apr-2024 16:47

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMD0447 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMD0447-BLK1)	Prepared: 17-Apr-2024 Analyzed: 18-Apr-2024 13:51										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Apr-2024 16:47

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BMD0546 - EPA 9045D

Instrument: Accumet AB150 Analyst: CDE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMD0546-BS1)				Prepared: 20-Apr-2024 Analyzed: 20-Apr-2024 13:49							
pH	7.01	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	22-Apr-2024 16:47

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	22-Apr-2024 16:47

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

27 April 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24D0413	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2024.04.27 15:11:17 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Shelly Fishel For Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24D0413	Turn-around Requested: 3 Day	Date: 04/17/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-341A-041724	04/17/24	09:45	Soil	1	✔	✔	
SO-TC-341B-041724	04/17/24	10:00	Soil	1	✔	✔	
SO-TC-341C-041724	04/17/24	10:15	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Matthew Dana	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/17/2024 16:16	Date & Time: 04/17/24 16:16	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2024 15:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-341A-041724	24D0413-01	Solid	17-Apr-2024 09:45	17-Apr-2024 16:16
SO-TC-341B-041724	24D0413-02	Solid	17-Apr-2024 15:00	17-Apr-2024 16:16
SO-TC-341C-041724	24D0413-03	Solid	17-Apr-2024 10:15	17-Apr-2024 16:16

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2024 15:09

Work Order Case Narrative

Client: Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 24D0413

Sample receipt

One sample as listed on the preceding page was received April 17, 2024 under ARI work order 24D0413. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The the duplicate (DUP) relative percent difference (RPD) and matrix spike (MS) percent recoveries were within control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plating

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24D0413 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 22.8°c

Time 1616

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: T009705

Cooler Accepted by: MD Date: 04/17/24 Time: 1616

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

RL

Samples Logged by: PIB for ~~DD~~ Date: 4/18/24 Time: 7:53 Labels checked by: _____

PSD 4/18/24

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24D0413

Cooler#: 1 **Temperature(°C):** 2.2cc

Sample ID	Bottle Count	Bottle Type
Samples received above 6cc		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: MM Date: 04/17/24 Time: 1616

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2024 15:09

SO-TC-341A-041724

24D0413-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/17/2024 09:45
Instrument: ICP3 Analyst: SH — Analyzed: 04/25/2024 13:05

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0413-01 A 02
Preparation Batch: BMD0607 — Sample Size: 25 mL (wet)
Prepared: 04/23/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0900	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.400	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2024 15:09

SO-TC-341A-041724

24D0413-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/17/2024 09:45

Instrument: Accumet AB150 Analyst: LERB — Analyzed: 04/23/2024 13:28

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0413-01 A

Preparation Batch: BMD0585 — Sample Size: 20.7917 g (wet)

Prepared: 04/22/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.99	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2024 15:09

SO-TC-341B-041724

24D0413-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/17/2024 15:00

Instrument: ICP3 Analyst: SH — Analyzed: 04/25/2024 13:49

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0413-02 A 02

Preparation Batch: BMD0607 — Sample Size: 25 mL (wet)

Prepared: 04/23/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0560	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	2.55	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2024 15:09

SO-TC-341B-041724

24D0413-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/17/2024 15:00

Instrument: Accumet AB150 Analyst: LERB — Analyzed: 04/23/2024 13:28

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0413-02 A

Preparation Batch: BMD0585 — Sample Size: 20.3028 g (wet)

Prepared: 04/22/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.71	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2024 15:09

SO-TC-341C-041724

24D0413-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/17/2024 10:15

Instrument: ICP3 Analyst: SH — Analyzed: 04/25/2024 13:52

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0413-03 A 02

Preparation Batch: BMD0607 — Sample Size: 25 mL (wet)

Prepared: 04/23/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0700	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	4.95	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2024 15:09

SO-TC-341C-041724

24D0413-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/17/2024 10:15

Instrument: Accumet AB150 Analyst: LERB — Analyzed: 04/23/2024 13:28

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0413-03 A

Preparation Batch: BMD0585 — Sample Size: 20.0748 g (wet)

Prepared: 04/22/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.94	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2024 15:09

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMD0607 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMD0607-BLK1)				Prepared: 23-Apr-2024 Analyzed: 25-Apr-2024 13:02							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BMD0607-DUP1)		**Source: 24D0413-01**		Prepared: 23-Apr-2024 Analyzed: 25-Apr-2024 13:09							
Arsenic	0.0860	0.0140	0.250	mg/L		0.0900			4.55	20	J
Lead	0.401	0.0065	0.100	mg/L		0.400			0.38	20	
Matrix Spike (BMD0607-MS1)		**Source: 24D0413-01**		Prepared: 23-Apr-2024 Analyzed: 25-Apr-2024 13:12							
Arsenic	4.32	0.0140	0.250	mg/L	4.00	0.0900	106	75-125			
Lead	4.36	0.0065	0.100	mg/L	4.00	0.400	99.1	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2024 15:09

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BMD0585 - EPA 9045D

Instrument: Accumet AB150 Analyst: LERB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMD0585-BS1)				Prepared: 22-Apr-2024 Analyzed: 23-Apr-2024 13:28							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	27-Apr-2024 15:09

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	27-Apr-2024 15:09

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

30 April 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24D0496	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.04.30 09:02:32 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24D0496	Turn-around Requested: 3 Day	Date: 4/22/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-343A-042224	04/22/24	09:00	Soil	1	✔	✔							
SO-TC-343B-042224	04/22/24	09:15	Soil	1	✔	✔							
SO-TC-343C-042224	04/22/24	09:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: R. Leesemann	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/22/2024 16:15	Date & Time: 4-22-24 16:16	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Apr-2024 09:00

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-343A-042224	24D0496-01	Solid	22-Apr-2024 09:00	22-Apr-2024 16:16
SO-TC-343B-042224	24D0496-02	Solid	22-Apr-2024 09:15	22-Apr-2024 16:16
SO-TC-343C-042224	24D0496-03	Solid	22-Apr-2024 09:30	22-Apr-2024 16:16

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Apr-2024 09:00

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24D0496

Sample receipt

The sample(s) as listed on the preceding page were received 22-Apr-2024 16:16 under ARI work order 24D0496. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Perc Project Name: Slon

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 24D0496 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time ~~22.2~~ 16:16 VD 04/22/2024 22.2°C

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: J0097088

Cooler Accepted by: RL. Date: 4-22-24 Time: 16:16

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: ~~none~~ VD 04/22/2024

Was sufficient ice used (if appropriate)? NA YES NO

How were bottles sealed in plastic bags? Individually Grouped Not

Did all bottles arrive in good condition (unbroken)? YES NO

Were all bottle labels complete and legible? YES NO

Did the number of containers listed on COC match with the number of containers received? YES NO

Did all bottle labels and tags agree with custody papers? YES NO

Were all bottles used correct for the requested analyses? YES NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ... NA YES NO

Were all VOC vials free of air bubbles? NA YES NO

Was sufficient amount of sample sent in each bottle? YES NO

Date VOC Trip Blank was made at ARI NA _____

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: VD Date: 04/22/2024 Time: 16:44 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24D0496

Cooler#: _____ **Temperature(°C):** 22.2

Sample ID	Bottle Count	Bottle Type
Samples received > 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JRL Date: 4-22-24 Time: 16:16

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Apr-2024 09:00

SO-TC-343A-042224

24D0496-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/22/2024 09:00
Instrument: ICP3 Analyst: SH — Analyzed: 04/29/2024 13:33

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0496-01 A 02
Preparation Batch: BMD0669 — Sample Size: 25 mL (wet)
Prepared: 04/25/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0445	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Apr-2024 09:00

SO-TC-343A-042224

24D0496-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/22/2024 09:00

Instrument: Accumet AB150 Analyst: LERB — Analyzed: 04/24/2024 16:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0496-01 A

Preparation Batch: BMD0653 — Sample Size: 20.6816 g (wet)

Prepared: 04/24/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.38	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Apr-2024 09:00

SO-TC-343B-042224

24D0496-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/22/2024 09:15

Instrument: ICP3 Analyst: SH — Analyzed: 04/29/2024 13:43

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0496-02 A 02

Preparation Batch: BMD0669 — Sample Size: 25 mL (wet)

Prepared: 04/25/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0270	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0105	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Apr-2024 09:00

SO-TC-343B-042224

24D0496-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/22/2024 09:15

Instrument: Accumet AB150 Analyst: LERB — Analyzed: 04/24/2024 16:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0496-02 A

Preparation Batch: BMD0653 — Sample Size: 20.1783 g (wet)

Prepared: 04/24/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.20	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Apr-2024 09:00

SO-TC-343C-042224

24D0496-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/22/2024 09:30

Instrument: ICP3 Analyst: SH — Analyzed: 04/29/2024 13:46

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0496-03 A 02

Preparation Batch: BMD0669 — Sample Size: 25 mL (wet)

Prepared: 04/25/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0580	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	18.3	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Apr-2024 09:00

SO-TC-343C-042224

24D0496-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/22/2024 09:30

Instrument: Accumet AB150 Analyst: LERB — Analyzed: 04/24/2024 16:05

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0496-03 A

Preparation Batch: BMD0653 — Sample Size: 20.5833 g (wet)

Prepared: 04/24/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.41	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Apr-2024 09:00

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMD0669 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMD0669-BLK1)				Prepared: 25-Apr-2024 Analyzed: 29-Apr-2024 13:29							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BMD0669-DUP1)		**Source: 24D0496-01**		Prepared: 25-Apr-2024 Analyzed: 29-Apr-2024 13:37							
Arsenic	0.0395	0.0140	0.250	mg/L		0.0445			11.90	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BMD0669-MS1)		**Source: 24D0496-01**		Prepared: 25-Apr-2024 Analyzed: 29-Apr-2024 13:40							
Arsenic	4.27	0.0140	0.250	mg/L	4.00	0.0445	106	75-125			
Lead	3.97	0.0065	0.100	mg/L	4.00	ND	99.2	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Apr-2024 09:00

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BMD0653 - EPA 9045D

Instrument: Accumet AB150 Analyst: LERB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMD0653-BS1)				Prepared: 24-Apr-2024 Analyzed: 24-Apr-2024 16:05							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BMD0653-DUP1)		**Source: 24D0496-01**		Prepared: 24-Apr-2024 Analyzed: 24-Apr-2024 16:05							
pH	9.40	0.01	0.01	pH Units		9.38			0.21	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Apr-2024 09:00

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	30-Apr-2024 09:00

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

03 May 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24D0591	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.05.03 14:55:57 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 2400591	Turn-around Requested: 3 Day	Date: 4/25/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-344A-042524	04/25/24	09:00	Soil	1	✔	✔							
SO-TC-344B-042524	04/25/24	09:15	Soil	1	✔	✔							
SO-TC-344C-042524	04/25/24	09:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
	(Signature) Kenny King	(Signature)	(Signature)	(Signature)
	Printed Name: Kenny King	Printed Name: Grant Davis	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/25/2024 15:54	Date & Time: 4/25/24 1555	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2024 14:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-344A-042524	24D0591-01	Solid	25-Apr-2024 09:00	25-Apr-2024 15:55
SO-TC-344B-042524	24D0591-02	Solid	25-Apr-2024 09:15	25-Apr-2024 15:55
SO-TC-344C-042524	24D0591-03	Solid	25-Apr-2024 09:30	25-Apr-2024 15:55

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2024 14:54

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24D0591

Sample receipt

The sample(s) as listed on the preceding page were received 25-Apr-2024 15:55 under ARI work order 24D0591. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Printed: 4/26/2024 8:02:18AM

WORK ORDER

24D0591

Samples will be discarded 90 days after submission of a final report unless other instructions are received

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Phillip Bates

Project: TCLP **Project Number:** TCLP

Report To:
PERC-Pacific Environmental and Redevelopment Corp
Kenny King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone: (425) 346-0921
Fax:

Invoice To:
PERC-Pacific Environmental and Redevelopment Corp
Kenny King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone :(425) 346-0921
Fax:

Date Due: 01-May-2024 18:00 (3 day TAT)

Received By: Grant Davis Date Received: 25-Apr-2024 15:55

Logged In By: Robert Leesemann Date Logged In: 26-Apr-2024 07:43

Samples Received at: **17.1°C**

Intact, properly signed and dated custody seals attached to outside of cooler(s)	No	Custody papers included with the cooler	Yes
Custody papers properly filled out(in, signed, analyses requested, etc)	Yes	Was a temperature blank included in the cooler	No
Was sufficient ice used (if appropriate)	No	All bottles sealed in individual plastic bags	No
All bottles arrived in good condition(unbroken)	Yes	All bottle labels complete and legible	Yes
Number of containers listed on COC match number received	Yes	Bottle labels and tags agree with COC	Yes
Correct bottles used for the requested analyses	Yes	All VOC vials free of air bubbles	No
Analyses/bottles require preservation (attach preservation sheet excluding VOC)	No	Sufficient amount of sample sent in each bottle	Yes
Sample split at ARI	No		

Analysis	Due	TAT	Expires	Comments

WORK ORDER

24D0591

Samples will be discarded 90 days after submission of a final report unless other instructions are received

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Phillip Bates

Project: TCLP **Project Number:** TCLP

Analysis	Due	TAT	Expires	Comments
24D0591-01 SO-TC-344A-042524 [Solid] Sampled 25-Apr-2024 09:00 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	01-May-2024 15:00	3	09-May-2024 23:59	
TCLP 1311	01-May-2024 15:00	3	23-May-2024 23:59	
TCLP 6010C - As	01-May-2024 15:00	3	22-Oct-2024 23:59	
TCLP 6010C - Pb	01-May-2024 15:00	3	22-Oct-2024 23:59	
24D0591-02 SO-TC-344B-042524 [Solid] Sampled 25-Apr-2024 09:15 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	01-May-2024 15:00	3	09-May-2024 23:59	
TCLP 1311	01-May-2024 15:00	3	23-May-2024 23:59	
TCLP 6010C - As	01-May-2024 15:00	3	22-Oct-2024 23:59	
TCLP 6010C - Pb	01-May-2024 15:00	3	22-Oct-2024 23:59	
24D0591-03 SO-TC-344C-042524 [Solid] Sampled 25-Apr-2024 09:30 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	01-May-2024 15:00	3	09-May-2024 23:59	
TCLP 1311	01-May-2024 15:00	3	23-May-2024 23:59	
TCLP 6010C - As	01-May-2024 15:00	3	22-Oct-2024 23:59	
TCLP 6010C - Pb	01-May-2024 15:00	3	22-Oct-2024 23:59	

Reviewed By

Date

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: King & PEKC3 Project Name: Superlon Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 24D0591 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1555 17.1

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: JD09708

Cooler Accepted by: _____ Date: 4/25/24 Time: 1555

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			NA
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: 4-RL Equipment: _____ Split by: _____

Samples Logged by: RL Date: 4-26-24 Time: 7:49 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24D

Cooler#: _____ **Temperature(°C):** 17.1

Sample ID	Bottle Count	Bottle Type
Pore Samples		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 4/25/24 Time: 1555

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2024 14:54

SO-TC-344A-042524

24D0591-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/25/2024 09:00
Instrument: ICP3 Analyst: SH — Analyzed: 05/01/2024 16:40

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0591-01 A 02
Preparation Batch: BMD0759 — Sample Size: 25 mL (wet)
Prepared: 04/28/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.284	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.741	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2024 14:54

SO-TC-344A-042524

24D0591-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/25/2024 09:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/02/2024 14:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0591-01 A 02

Preparation Batch: BME0032 — Sample Size: 20.52 g (wet)

Prepared: 05/01/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.90	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2024 14:54

SO-TC-344B-042524

24D0591-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/25/2024 09:15

Instrument: ICP3 Analyst: SH — Analyzed: 05/01/2024 16:43

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0591-02 A 02

Preparation Batch: BMD0759 — Sample Size: 25 mL (wet)

Prepared: 04/28/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.250	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.128	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2024 14:54

SO-TC-344B-042524

24D0591-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/25/2024 09:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/02/2024 14:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0591-02 A

Preparation Batch: BME0032 — Sample Size: 20.9 g (wet)

Prepared: 05/01/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.53	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2024 14:54

SO-TC-344C-042524

24D0591-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/25/2024 09:30

Instrument: ICP3 Analyst: SH — Analyzed: 05/01/2024 16:46

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0591-03 A 02

Preparation Batch: BMD0759 — Sample Size: 25 mL (wet)

Prepared: 04/28/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0740	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0145	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2024 14:54

SO-TC-344C-042524

24D0591-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/25/2024 09:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/02/2024 14:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0591-03 A

Preparation Batch: BME0032 — Sample Size: 20.13 g (wet)

Prepared: 05/01/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.10	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2024 14:54

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMD0759 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMD0759-BLK1)					Prepared: 28-Apr-2024 Analyzed: 01-May-2024 16:37						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2024 14:54

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BME0032 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BME0032-BS1)				Prepared: 01-May-2024 Analyzed: 02-May-2024 14:40							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BME0032-DUP1)		**Source: 24D0591-01**		Prepared: 01-May-2024 Analyzed: 02-May-2024 14:40							
pH	9.87	0.01	0.01	pH Units		9.90			0.30	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-May-2024 14:54

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	03-May-2024 14:54

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

07 May 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24E0008	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2024.05.07 09:45:10 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24E0008	Turn-around Requested: 3 Day	Date: 4/30/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-346A-043024	04/30/24	10:15	Soil	1	✔	✔							
SO-TC-346B-043024	04/30/24	10:30	Soil	1	✔	✔							
SO-TC-346C-043024	04/30/24	10:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
	(Signature) Kenny King	(Signature) Matthew Rees	(Signature)	(Signature)
	Printed Name: Kenny King	Printed Name: Matthew Rees	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/30/24 16:16	Date & Time: 04/30/24 1616	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:42

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-346A-043024	24E0008-01	Solid	30-Apr-2024 10:15	30-Apr-2024 16:16
SO-TC-346B-043024	24E0008-02	Solid	30-Apr-2024 10:30	30-Apr-2024 16:16
SO-TC-346C-043024	24E0008-03	Solid	30-Apr-2024 10:45	30-Apr-2024 16:16

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:42

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24E0008

Sample receipt

The sample(s) as listed on the preceding page were received 30-Apr-2024 16:16 under ARI work order 24E0008. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Printed: 5/1/2024 9:14:08AM

WORK ORDER

24E0008

Samples will be discarded 90 days after submission of a final report unless other instructions are received

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Phillip Bates

Project: Superlon Plastics **Project Number:** SLON

Report To:
PERC-Pacific Environmental and Redevelopment Corp
Kenny King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone: (425) 346-0921
Fax:

Invoice To:
PERC-Pacific Environmental and Redevelopment Corp
Jeffrey King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone :(425) 238-2212
Fax:

Date Due:	06-May-2024 18:00 (3 day TAT)		
Received By:	Matthew Daniel	Date Received:	30-Apr-2024 16:16
Logged In By:	Robert Leesemann	Date Logged In:	01-May-2024 08:48

Samples Received at: **20.3°C**

Intact, properly signed and dated custody seals attached to outside of cooler(s)	No	Custody papers included with the cooler	Yes
Custody papers properly filled out (in, signed, analyses requested, etc)	Yes	Was a temperature blank included in the cooler	No
Was sufficient ice used (if appropriate)	No	All bottles sealed in individual plastic bags	No
All bottles arrived in good condition (unbroken)	Yes	All bottle labels complete and legible	Yes
Number of containers listed on COC match number received	Yes	Bottle labels and tags agree with COC	Yes
Correct bottles used for the requested analyses	Yes	All VOC vials free of air bubbles	No
Analyses/bottles require preservation (attach preservation sheet excluding VOC)	No	Sufficient amount of sample sent in each bottle	Yes
Sample split at ARI	No		

Analysis	Due	TAT	Expires	Comments

WORK ORDER

24E0008

Samples will be discarded 90 days after submission of a final report unless other instructions are received

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Phillip Bates

Project: Superlon Plastics **Project Number:** SLON

Analysis	Due	TAT	Expires	Comments
24E0008-01 SO-TC-346A-043024 [Solid] Sampled 30-Apr-2024 10:15 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	06-May-2024 15:00	3	14-May-2024 23:59	
TCLP 1311	06-May-2024 15:00	3	28-May-2024 23:59	
TCLP 6010D - As	06-May-2024 15:00	3	27-Oct-2024 23:59	
TCLP 6010D - Pb	06-May-2024 15:00	3	27-Oct-2024 23:59	
24E0008-02 SO-TC-346B-043024 [Solid] Sampled 30-Apr-2024 10:30 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	06-May-2024 15:00	3	14-May-2024 23:59	
TCLP 1311	06-May-2024 15:00	3	28-May-2024 23:59	
TCLP 6010D - As	06-May-2024 15:00	3	27-Oct-2024 23:59	
TCLP 6010D - Pb	06-May-2024 15:00	3	27-Oct-2024 23:59	
24E0008-03 SO-TC-346C-043024 [Solid] Sampled 30-Apr-2024 10:45 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	06-May-2024 15:00	3	14-May-2024 23:59	
TCLP 1311	06-May-2024 15:00	3	28-May-2024 23:59	
TCLP 6010D - As	06-May-2024 15:00	3	27-Oct-2024 23:59	
TCLP 6010D - Pb	06-May-2024 15:00	3	27-Oct-2024 23:59	

Reviewed By

Date

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24E0008 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 20.3°

Time 1616

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 50099705

Cooler Accepted by: MD Date: 04/30/24 Time: 1616

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: RL Date: 5-1-24 Time: 08:59 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24E0008

Cooler#: 1 **Temperature(°C):** 20.8c

Sample ID	Bottle Count	Bottle Type
Samples received above 6.0°		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: MP Date: 04/30/24 Time: 1616

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:42

SO-TC-346A-043024

24E0008-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/30/2024 10:15

Instrument: ICP3 Analyst: SH — Analyzed: 05/03/2024 16:51

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0008-01 A 02

Preparation Batch: BME0072 — Sample Size: 25 mL (wet)

Prepared: 05/02/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.111	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:42

SO-TC-346A-043024

24E0008-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/30/2024 10:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/02/2024 14:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0008-01 A

Preparation Batch: BME0032 — Sample Size: 20.15 g (wet)

Prepared: 05/01/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.40	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:42

SO-TC-346B-043024

24E0008-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/30/2024 10:30

Instrument: ICP3 Analyst: SH — Analyzed: 05/03/2024 16:55

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0008-02 A 02

Preparation Batch: BME0072 — Sample Size: 25 mL (wet)

Prepared: 05/02/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0705	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:42

SO-TC-346B-043024

24E0008-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/30/2024 10:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/02/2024 14:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0008-02 A

Preparation Batch: BME0032 — Sample Size: 20.67 g (wet)

Prepared: 05/01/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.64	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:42

SO-TC-346C-043024

24E0008-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/30/2024 10:45

Instrument: ICP3 Analyst: SH — Analyzed: 05/03/2024 16:58

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0008-03 A 02

Preparation Batch: BME0072 — Sample Size: 25 mL (wet)

Prepared: 05/02/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0290	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:42

SO-TC-346C-043024

24E0008-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/30/2024 10:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/02/2024 14:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0008-03 A

Preparation Batch: BME0032 — Sample Size: 20.44 g (wet)

Prepared: 05/01/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.76	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:42

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BME0072 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BME0072-BLK1)	Prepared: 02-May-2024 Analyzed: 03-May-2024 16:08										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:42

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BME0032-BS1)				Prepared: 01-May-2024 Analyzed: 02-May-2024 14:40							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:42

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:42

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

07 May 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24E0007	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.05.07 09:38:44 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24E0007	Turn-around Requested: 3 Day	Date: 4/30/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-347A-043024	04/30/24	14:15	Soil	1	✔	✔	
SO-TC-347B-043024	04/30/24	14:30	Soil	1	✔	✔	
SO-TC-347C-043024	04/30/24	14:45	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
	(Signature) Kenny King	(Signature)	(Signature)	(Signature)
	Printed Name: Kenny King	Printed Name:	Printed Name:	Printed Name:
	Company: PERC	Company:	Company:	Company:
	Date & Time: 4/30/2024 16:16	Date & Time: 04/30/24 1614	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-347A-043024	24E0007-01	Solid	30-Apr-2024 14:15	30-Apr-2024 16:16
SO-TC-347B-043024	24E0007-02	Solid	30-Apr-2024 14:30	30-Apr-2024 16:16
SO-TC-347C-043024	24E0007-03	Solid	30-Apr-2024 14:45	30-Apr-2024 16:16

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:37

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24E0007

Sample receipt

The sample(s) as listed on the preceding page were received 30-Apr-2024 16:16 under ARI work order 24E0007. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superior Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 24E0007
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1616 — 20.3°

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: 50097708

Cooler Accepted by: MD Date: 04/30/24 Time: 1616

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: VD Date: ~~CH~~ VD 05/01/2024 Time: 08:54 Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24E0007 MD 05/01/24

Cooler#: 1 **Temperature(°C):** ~~20.8~~ 20.3°

Sample ID	Bottle Count	Bottle Type
Samples received above 6.0°		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: MP Date: 04/30/24 Time: 1610

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:37

SO-TC-347A-043024

24E0007-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/30/2024 14:15
Instrument: ICP3 Analyst: SH — Analyzed: 05/03/2024 16:27

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0007-01 A 02
Preparation Batch: BME0072 — Sample Size: 25 mL (wet)
Prepared: 05/02/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0325	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:37

SO-TC-347A-043024

24E0007-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/30/2024 14:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/02/2024 14:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0007-01 A

Preparation Batch: BME0032 — Sample Size: 20.43 g (wet)

Prepared: 05/01/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.53	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:37

SO-TC-347B-043024

24E0007-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/30/2024 14:30

Instrument: ICP3 Analyst: SH — Analyzed: 05/03/2024 16:30

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0007-02 A 02

Preparation Batch: BME0072 — Sample Size: 25 mL (wet)

Prepared: 05/02/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0375	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:37

SO-TC-347B-043024

24E0007-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/30/2024 14:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/02/2024 14:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0007-02 A

Preparation Batch: BME0032 — Sample Size: 20.74 g (wet)

Prepared: 05/01/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.53	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:37

SO-TC-347C-043024

24E0007-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/30/2024 14:45

Instrument: ICP3 Analyst: SH — Analyzed: 05/03/2024 16:48

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0007-03 A 02

Preparation Batch: BME0072 — Sample Size: 25 mL (wet)

Prepared: 05/02/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0360	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:37

SO-TC-347C-043024

24E0007-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/30/2024 14:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/02/2024 14:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0007-03 A

Preparation Batch: BME0032 — Sample Size: 20.35 g (wet)

Prepared: 05/01/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.57	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:37

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BME0072 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BME0072-BLK1)	Prepared: 02-May-2024 Analyzed: 03-May-2024 16:08										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:37

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BME0032-BS1)				Prepared: 01-May-2024 Analyzed: 02-May-2024 14:40							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:37

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:37

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

09 May 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24E0063	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.05.09 08:59:56 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24E0063	Turn-around Requested: 3 Day	Date: 5/1/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page:	of
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Ph 9045C							Notes/Comments
SO-TC-348A-050124	05/01/24	12:20	Soil	1	✔	✔							
SO-TC-348B-050124	05/01/24	12:35	Soil	1	✔	✔							
SO-TC-348C-050124	05/01/24	12:50	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
	(Signature) Kenny King	(Signature)	(Signature)	(Signature)
	Printed Name: Kenny King	Printed Name: Roman A.	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 05/01/2024 16:14	Date & Time: 5/1/24 1614	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-May-2024 08:56

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-348A-050124	24E0063-01	Solid	01-May-2024 12:20	01-May-2024 16:14
SO-TC-348B-050124	24E0063-02	Solid	01-May-2024 12:35	01-May-2024 16:14
SO-TC-348C-050124	24E0063-03	Solid	01-May-2024 12:50	01-May-2024 16:14

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-May-2024 08:56

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24E0063

Sample receipt

The sample(s) as listed on the preceding page were received 01-May-2024 16:14 under ARI work order 24E0063. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 24E0063
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO
Were custody papers included with the cooler? YES NO
Were custody papers properly filled out (ink, signed, etc.) YES NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1614 22.8°

If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: 9208

Cooler Accepted by: Date: 5/1/24 Time: 1614

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO
What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:
Was sufficient ice used (if appropriate)? NA YES NO
How were bottles sealed in plastic bags? Individually Grouped Not
Did all bottles arrive in good condition (unbroken)? YES NO
Were all bottle labels complete and legible? YES NO
Did the number of containers listed on COC match with the number of containers received? YES NO
Did all bottle labels and tags agree with custody papers? YES NO
Were all bottles used correct for the requested analyses? YES NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES NO
Were all VOC vials free of air bubbles? NA YES NO
Was sufficient amount of sample sent in each bottle? YES NO
Date VOC Trip Blank was made at ARI NA
Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 5/1/24 Time: 1643 Labels checked by:

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-May-2024 08:56

SO-TC-348A-050124

24E0063-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/01/2024 12:20
Instrument: ICP3 Analyst: SH — Analyzed: 05/07/2024 18:28

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0063-01 A 02
Preparation Batch: BME0099 — Sample Size: 25 mL (wet)
Prepared: 05/03/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.129	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-May-2024 08:56

SO-TC-348A-050124

24E0063-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/01/2024 12:20

Instrument: Accumet AB150 Analyst: LERB — Analyzed: 05/08/2024 14:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0063-01 A

Preparation Batch: BME0198 — Sample Size: 20.54 g (wet)

Prepared: 05/07/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.06	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-May-2024 08:56

SO-TC-348B-050124

24E0063-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/01/2024 12:35

Instrument: ICP3 Analyst: SH — Analyzed: 05/07/2024 18:37

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0063-02 A 02

Preparation Batch: BME0099 — Sample Size: 25 mL (wet)

Prepared: 05/03/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0970	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-May-2024 08:56

SO-TC-348B-050124

24E0063-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/01/2024 12:35

Instrument: Accumet AB150 Analyst: LERB — Analyzed: 05/08/2024 14:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0063-02 A

Preparation Batch: BME0198 — Sample Size: 20.6395 g (wet)

Prepared: 05/07/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.27	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-May-2024 08:56

SO-TC-348C-050124

24E0063-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/01/2024 12:50

Instrument: ICP3 Analyst: SH — Analyzed: 05/07/2024 18:40

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0063-03 A 02

Preparation Batch: BME0099 — Sample Size: 25 mL (wet)

Prepared: 05/03/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0715	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-May-2024 08:56

SO-TC-348C-050124

24E0063-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/01/2024 12:50

Instrument: Accumet AB150 Analyst: LERB — Analyzed: 05/08/2024 14:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0063-03 A

Preparation Batch: BME0198 — Sample Size: 20.9059 g (wet)

Prepared: 05/07/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.14	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-May-2024 08:56

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BME0099 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BME0099-BLK1)				Prepared: 03-May-2024 Analyzed: 07-May-2024 18:25							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BME0099-DUP1)		**Source: 24E0063-01**		Prepared: 03-May-2024 Analyzed: 07-May-2024 18:31							
Arsenic	0.127	0.0140	0.250	mg/L		0.129			1.57	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BME0099-MS1)		**Source: 24E0063-01**		Prepared: 03-May-2024 Analyzed: 07-May-2024 18:34							
Arsenic	4.14	0.0140	0.250	mg/L	4.00	0.129	100	75-125			
Lead	3.76	0.0065	0.100	mg/L	4.00	ND	94.1	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	09-May-2024 08:56

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BME0198 - EPA 9045D

Instrument: Accumet AB150 Analyst: LERB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BME0198-BS1)				Prepared: 07-May-2024 Analyzed: 08-May-2024 14:30							
pH	7.03	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BME0198-DUP1)		**Source: 24E0063-01**		Prepared: 07-May-2024 Analyzed: 08-May-2024 14:30							
pH	9.06	0.01	0.01	pH Units		9.06			0.00		

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	09-May-2024 08:56

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	09-May-2024 08:56

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

15 May 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24E0153	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.05.15 12:17:13 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24E0153	Turn-around Requested: 3 Day	Date: 5/6/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-349A-050624	05/06/24	09:10	Soil	1	✔	✔							
SO-TC-349B-050624	05/06/24	09:25	Soil	1	✔	✔							
SO-TC-349C-050624	05/06/24	09:40	Soil	1	✔	✔							

Comments/Special Instructions				
	Relinquished by: (Signature) Kenny King	Received by: (Signature) EJS	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Emma Stewart	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/6/2024 16:16	Date & Time: 5/6/24 10:14	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2024 09:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-349A-050624	24E0153-01	Solid	06-May-2024 09:10	06-May-2024 16:16
SO-TC-349B-050624	24E0153-02	Solid	06-May-2024 09:25	06-May-2024 16:16
SO-TC-349C-050624	24E0153-03	Solid	06-May-2024 09:40	06-May-2024 16:16

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2024 09:20

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24E0153

Sample receipt

The sample(s) as listed on the preceding page were received 06-May-2024 16:16 under ARI work order 24E0153. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Super Ion Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 24E0153
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 10:10 — 19.8

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: 9708

Cooler Accepted by: E.J Date: 5/10/24 Time: 10:10

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: NONE			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: GT Date: 5/7/24 Time: 0732 Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24E0153

Cooler#: _____ **Temperature(°C):** 19.8

Sample ID	Bottle Count	Bottle Type
Samples received above 6.0°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 5/6/24 Time: 16:14

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2024 09:20

SO-TC-349A-050624

24E0153-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/06/2024 09:10
Instrument: ICP3 Analyst: SH — Analyzed: 05/13/2024 18:25

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0153-01 A 02
Preparation Batch: BME0217 — Sample Size: 25 mL (wet)
Prepared: 05/08/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.121	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2024 09:20

SO-TC-349A-050624

24E0153-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/06/2024 09:10

Instrument: Accumet AB150 Analyst: LERB — Analyzed: 05/08/2024 14:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0153-01 A

Preparation Batch: BME0198 — Sample Size: 20.3795 g (wet)

Prepared: 05/07/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.28	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2024 09:20

SO-TC-349B-050624

24E0153-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/06/2024 09:25

Instrument: ICP3 Analyst: SH — Analyzed: 05/13/2024 18:29

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0153-02 A 02

Preparation Batch: BME0217 — Sample Size: 25 mL (wet)

Prepared: 05/08/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.141	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2024 09:20

SO-TC-349B-050624

24E0153-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/06/2024 09:25

Instrument: Accumet AB150 Analyst: LERB — Analyzed: 05/08/2024 14:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0153-02 A

Preparation Batch: BME0198 — Sample Size: 20.8225 g (wet)

Prepared: 05/07/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.34	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2024 09:20

SO-TC-349C-050624

24E0153-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/06/2024 09:40

Instrument: ICP3 Analyst: SH — Analyzed: 05/13/2024 18:32

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0153-03 A 02

Preparation Batch: BME0217 — Sample Size: 25 mL (wet)

Prepared: 05/08/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.105	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2024 09:20

SO-TC-349C-050624

24E0153-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/06/2024 09:40

Instrument: Accumet AB150 Analyst: LERB — Analyzed: 05/08/2024 14:30

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0153-03 A

Preparation Batch: BME0198 — Sample Size: 20.6937 g (wet)

Prepared: 05/07/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.19	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2024 09:20

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BME0217 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BME0217-BLK1)	Prepared: 08-May-2024 Analyzed: 13-May-2024 18:06										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2024 09:20

Instrument: Accumet AB150 Analyst: LERB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BME0198-BS1)				Prepared: 07-May-2024 Analyzed: 08-May-2024 14:30							
pH	7.03	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2024 09:20

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	15-May-2024 09:20

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

17 May 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24E0189	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2024.05.17 14:16:16 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24E0189	Turn-around Requested: 3 Day	Date: 05/07/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps: 2.4°c
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-350A-050724	05/07/24	09:10	Soil	1	✔	✔							
SO-TC-350B-050724	05/07/24	09:25	Soil	1	✔	✔							
SO-TC-350C-050724	05/07/24	09:40	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
	(Signature) Kenny King	(Signature) Matthew Daniel	(Signature)	(Signature)
	Printed Name: Kenny King	Printed Name: Matthew Daniel	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/7/2024 16:17	Date & Time: 05/07/24 1617	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:15

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-350A-050724	24E0189-01	Solid	07-May-2024 09:10	07-May-2024 16:17
SO-TC-350B-050724	24E0189-02	Solid	07-May-2024 09:25	07-May-2024 16:17
SO-TC-350C-050724	24E0189-03	Solid	07-May-2024 09:40	07-May-2024 16:17

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:15

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24E0189

Sample receipt

Sample(s) as listed on the preceding page were received 07-May-2024 16:17 under ARI work order 24E0189. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superior Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 24E0189
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1617 — 2.1.4°C

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 509405

Cooler Accepted by: MD Date: 05/07/24 Time: 1617

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: MD Date: 05/07/24 Time: 1657 Labels checked by: MD

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24E0189

Cooler#: 1 **Temperature(°C):** 21.4°c

Sample ID	Bottle Count	Bottle Type
Samples received above 6.0°c		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: MD Date: 05/07/24 Time: 1617

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:15

SO-TC-350A-050724

24E0189-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/07/2024 09:10

Instrument: ICP3 Analyst: SH — Analyzed: 05/15/2024 21:19

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0189-01 A 02

Preparation Batch: BME0261 — Sample Size: 25 mL (wet)

Prepared: 05/09/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0800	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:15

SO-TC-350A-050724

24E0189-01RE1 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/07/2024 09:10

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/13/2024 18:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0189-01RE1 A

Preparation Batch: BME0270 — Sample Size: 20.06 g (wet)

Prepared: 05/09/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.72	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:15

SO-TC-350B-050724

24E0189-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/07/2024 09:25

Instrument: ICP3 Analyst: SH — Analyzed: 05/15/2024 20:36

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0189-02 A 02

Preparation Batch: BME0261 — Sample Size: 25 mL (wet)

Prepared: 05/09/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.102	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	1.72	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:15

SO-TC-350B-050724

24E0189-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/07/2024 09:25

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/13/2024 18:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0189-02 A

Preparation Batch: BME0270 — Sample Size: 20.38 g (wet)

Prepared: 05/09/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.94	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:15

SO-TC-350C-050724

24E0189-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/07/2024 09:40

Instrument: ICP3 Analyst: SH — Analyzed: 05/15/2024 20:40

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0189-03 A 02

Preparation Batch: BME0261 — Sample Size: 25 mL (wet)

Prepared: 05/09/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0915	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	1.24	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:15

SO-TC-350C-050724

24E0189-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/07/2024 09:40

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/13/2024 18:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0189-03 A

Preparation Batch: BME0270 — Sample Size: 20.62 g (wet)

Prepared: 05/09/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.98	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:15

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BME0261 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BME0261-BLK1)				Prepared: 09-May-2024 Analyzed: 15-May-2024 19:44							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BME0261-DUP1)		**Source: 24E0189-01**		Prepared: 09-May-2024 Analyzed: 15-May-2024 21:22							
Arsenic	0.0720	0.0140	0.250	mg/L		0.0800			10.50	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BME0261-MS1)		**Source: 24E0189-01**		Prepared: 09-May-2024 Analyzed: 15-May-2024 21:25							
Arsenic	4.28	0.0140	0.250	mg/L	4.00	0.0800	105	75-125			
Lead	3.90	0.0065	0.100	mg/L	4.00	ND	97.5	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:15

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BME0270 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BME0270-BS1)				Prepared: 09-May-2024 Analyzed: 13-May-2024 18:18							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BME0270-DUP1)			**Source: 24E0189-01RE1**	Prepared: 09-May-2024 Analyzed: 13-May-2024 18:18							
pH	8.81	0.01	0.01	pH Units		8.72			1.03	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:15

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:15

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

17 May 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24E0207	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2024.05.17 14:21:35 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24E0207	Turn-around Requested: 3 Day	Date: 5/8/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page:	of
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-351A-050824	05/08/24	10:00	Soil	1	✔	✔	
SO-TC-351B-050824	05/08/24	10:15	Soil	1	✔	✔	
SO-TC-351C-050824	05/08/24	10:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Emma Stewart	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/8/2024 16:03	Date & Time: 5/8/24 16:04	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-351A-050824	24E0207-01	Solid	08-May-2024 10:00	08-May-2024 16:04
SO-TC-351B-050824	24E0207-02	Solid	08-May-2024 10:15	08-May-2024 16:04
SO-TC-351C-050824	24E0207-03	Solid	08-May-2024 10:30	08-May-2024 16:04

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:20

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24E0207

Sample receipt

The sample(s) as listed on the preceding page were received 08-May-2024 16:04 under ARI work order 24E0207. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

5/8/24 ES PERC
ARI Client: ~~Superlon Plastics~~

Project Name: 5/8/24 ES ~~STOR~~ Superlon Plastics

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 24E0207

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

24.2

Time 16:04

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 8117

Cooler Accepted by: E.H Date: 5/8/24 Time: 16:04

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper (Other): None		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	Grouped	(Not)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: E.S Date: 5/8/24 Time: 16:17 Labels checked by: _____

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24E0207

Cooler#: _____ **Temperature(°C):** 24.2

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: ES Date: 5/8/24 Time: ~~14~~ 5/8/24 ET 16:04

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:20

SO-TC-351A-050824

24E0207-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/08/2024 10:00
Instrument: ICP3 Analyst: SH — Analyzed: 05/15/2024 20:43

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0207-01 A 02
Preparation Batch: BME0287 — Sample Size: 25 mL (wet)
Prepared: 05/10/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0910	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0875	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:20

SO-TC-351A-050824

24E0207-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/08/2024 10:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/13/2024 18:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0207-01 A

Preparation Batch: BME0270 — Sample Size: 20.5 g (wet)

Prepared: 05/09/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.23	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:20

SO-TC-351B-050824

24E0207-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/08/2024 10:15

Instrument: ICP3 Analyst: SH — Analyzed: 05/15/2024 20:29

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0207-02 A 02

Preparation Batch: BME0287 — Sample Size: 25 mL (wet)

Prepared: 05/10/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0630	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.376	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:20

SO-TC-351B-050824

24E0207-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/08/2024 10:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/13/2024 18:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0207-02 A

Preparation Batch: BME0270 — Sample Size: 20.29 g (wet)

Prepared: 05/09/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.03	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:20

SO-TC-351C-050824

24E0207-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/08/2024 10:30

Instrument: ICP3 Analyst: SH — Analyzed: 05/15/2024 20:33

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0207-03 A 02

Preparation Batch: BME0287 — Sample Size: 25 mL (wet)

Prepared: 05/10/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0710	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	5.43	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:20

SO-TC-351C-050824

24E0207-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/08/2024 10:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/13/2024 18:18

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0207-03 A

Preparation Batch: BME0270 — Sample Size: 20.33 g (wet)

Prepared: 05/09/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.00	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:20

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BME0287 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BME0287-BLK1)				Prepared: 10-May-2024 Analyzed: 15-May-2024 19:47							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BME0287-DUP1)		**Source: 24E0207-01**		Prepared: 10-May-2024 Analyzed: 15-May-2024 20:46							
Arsenic	0.0900	0.0140	0.250	mg/L		0.0910			1.10	20	J
Lead	0.0920	0.0065	0.100	mg/L		0.0875			5.01	20	J
Matrix Spike (BME0287-MS1)		**Source: 24E0207-01**		Prepared: 10-May-2024 Analyzed: 15-May-2024 20:49							
Arsenic	4.22	0.0140	0.250	mg/L	4.00	0.0910	103	75-125			
Lead	3.90	0.0065	0.100	mg/L	4.00	0.0875	95.4	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:20

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BME0270-BS1)				Prepared: 09-May-2024 Analyzed: 13-May-2024 18:18							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:20

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-May-2024 14:20

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

23 May 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24E0338	N/A

Susan Dunnihoo
Digitally signed by Susan Dunnihoo
Date: 2024.05.23 08:52:16 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Susan Dunnihoo For Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

ACCREDITED IN ACCORDANCE WITH nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24E0338	Turn-around Requested: 3 Day	Date: 5/14/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-353A-051424	05/14/24	10:15	Soil	1	✔	✔							
SO-TC-353B-051424	05/14/24	10:30	Soil	1	✔	✔							
SO-TC-353C-051424	05/14/24	10:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	5/14/2024 16:12	E. St	Emma Stewart	ARI	5/14/24 10:12								

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-May-2024 08:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-353A-051424	24E0338-01	Solid	14-May-2024 10:15	14-May-2024 16:12
SO-TC-353B-051424	24E0338-02	Solid	14-May-2024 10:30	14-May-2024 16:12
SO-TC-353C-051424	24E0338-03	Solid	14-May-2024 10:45	14-May-2024 16:12

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-May-2024 08:51

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24E0338

Sample receipt

The sample(s) as listed on the preceding page were received 14-May-2024 16:12 under ARI work order 24E0338. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Wet Chemistry (pH)

The sample(s) were prepared and analyzed within the recommended holding times.

The blank spike (BS/LCS) percent recoveries were within control limits.

WORK ORDER

24E0338

Samples will be discarded 90 days after submission of a final report unless other instructions are received

Client: PERC-Pacific Environmental and Redevelopment | **Project Manager:** Phillip Bates

Project: Superlon Plastics | **Project Number:** SLON

Report To:
PERC-Pacific Environmental and Redevelopment Corp
Kenny King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone: (425) 346-0921
Fax:

Invoice To:
PERC-Pacific Environmental and Redevelopment Corp
Jeffrey King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone :(425) 238-2212
Fax:

Date Due:	20-May-2024 18:00 (3 day TAT)		
Received By:	Emma Stewart	Date Received:	14-May-2024 16:12
Logged In By:	Robert Leesemann	Date Logged In:	15-May-2024 10:50

Samples Received at: 25.4°C

Intact, properly signed and dated custody seals attached to outside of cooler(s)	No	Custody papers included with the cooler	Yes
Custody papers properly filled out (ink, signed, analyses requested, etc)	Yes	Was a temperature blank included in the cooler	No
Was sufficient ice used (if appropriate)	No	All bottles sealed in individual plastic bags	No
All bottles arrived in good condition (unbroken)	Yes	All bottle labels complete and legible	Yes
Number of containers listed on COC match number received	Yes	Bottle labels and tags agree with COC	Yes
Correct bottles used for the requested analyses	Yes	All VOC vials free of air bubbles	No
Analyses/bottles require preservation (attach preservation sheet excluding VOC)	No	Sufficient amount of sample sent in each bottle	Yes
Sample split at ARI	No		

Analysis	Due	TAT	Expires	Comments

WORK ORDER

24E0338

Samples will be discarded 90 days after submission of a final report unless other instructions are received

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Phillip Bates

Project: Superion Plastics **Project Number:** SLON

Analysis	Due	TAT	Expires	Comments
24E0338-01 SO-TC-353A-051424 [Solid] Sampled 14-May-2024 10:15 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	20-May-2024 15:00	3	28-May-2024 23:59	
TCLP 1311	20-May-2024 15:00	3	11-Jun-2024 23:59	
TCLP 6010D - As	20-May-2024 15:00	3	10-Nov-2024 23:59	
TCLP 6010D - Pb	20-May-2024 15:00	3	10-Nov-2024 23:59	
24E0338-02 SO-TC-353B-051424 [Solid] Sampled 14-May-2024 10:30 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	20-May-2024 15:00	3	28-May-2024 23:59	
TCLP 1311	20-May-2024 15:00	3	11-Jun-2024 23:59	
TCLP 6010D - As	20-May-2024 15:00	3	10-Nov-2024 23:59	
TCLP 6010D - Pb	20-May-2024 15:00	3	10-Nov-2024 23:59	
24E0338-03 SO-TC-353C-051424 [Solid] Sampled 14-May-2024 10:45 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	20-May-2024 15:00	3	28-May-2024 23:59	
TCLP 1311	20-May-2024 15:00	3	11-Jun-2024 23:59	
TCLP 6010D - As	20-May-2024 15:00	3	10-Nov-2024 23:59	
TCLP 6010D - Pb	20-May-2024 15:00	3	10-Nov-2024 23:59	

Reviewed By

Date

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): _____ (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 24E0338 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1612 25.4 ____ ____ ____ ____ ____ ____

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 9708

Cooler Accepted by: CJK Date: 5/14/24 Time: 16:12

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap (Wet Ice) Gel Packs Baggies Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	Grouped	(Not)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	(NO)
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		_____

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: RL Date: 5-15-24 Time: 10:50 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24E0338

Cooler#: _____ **Temperature(°C):** 25.4

Sample ID	Bottle Count	Bottle Type
Samples received above 0°		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: E. [signature] Date: 5/14/24 Time: 10:12

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-May-2024 08:51

SO-TC-353A-051424

24E0338-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/14/2024 10:15
Instrument: ICP3 Analyst: SH — Analyzed: 05/21/2024 17:51

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0338-01 A 02
Preparation Batch: BME0425 — Sample Size: 25 mL (wet)
Prepared: 05/16/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.104	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-May-2024 08:51

SO-TC-353A-051424

24E0338-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/14/2024 10:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/16/2024 15:24

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0338-01 A

Preparation Batch: BME0432 — Sample Size: 20.18 g (wet)

Prepared: 05/16/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.23	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-May-2024 08:51

SO-TC-353B-051424

24E0338-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/14/2024 10:30

Instrument: ICP3 Analyst: SH — Analyzed: 05/21/2024 17:23

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0338-02 A 02

Preparation Batch: BME0425 — Sample Size: 25 mL (wet)

Prepared: 05/16/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0890	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-May-2024 08:51

SO-TC-353B-051424

24E0338-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/14/2024 10:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/16/2024 15:24

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0338-02 A

Preparation Batch: BME0432 — Sample Size: 20.33 g (wet)

Prepared: 05/16/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.25	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-May-2024 08:51

SO-TC-353C-051424

24E0338-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/14/2024 10:45

Instrument: ICP3 Analyst: SH — Analyzed: 05/21/2024 17:26

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0338-03 A 02

Preparation Batch: BME0425 — Sample Size: 25 mL (wet)

Prepared: 05/16/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.136	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-May-2024 08:51

SO-TC-353C-051424

24E0338-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/14/2024 10:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/16/2024 15:24

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0338-03 A

Preparation Batch: BME0432 — Sample Size: 20.35 g (wet)

Prepared: 05/16/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.21	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-May-2024 08:51

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BME0425 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BME0425-BLK1)				Prepared: 16-May-2024 Analyzed: 21-May-2024 17:08							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BME0425-DUP1)		**Source: 24E0338-01**		Prepared: 16-May-2024 Analyzed: 21-May-2024 17:55							
Arsenic	0.104	0.0140	0.250	mg/L		0.104			0.48	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BME0425-MS1)		**Source: 24E0338-01**		Prepared: 16-May-2024 Analyzed: 21-May-2024 18:09							
Arsenic	4.07	0.0140	0.250	mg/L	4.00	0.104	99.2	75-125			
Lead	3.65	0.0065	0.100	mg/L	4.00	ND	91.2	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-May-2024 08:51

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BME0432-BS1)				Prepared: 16-May-2024 Analyzed: 16-May-2024 15:24							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-May-2024 08:51

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	23-May-2024 08:51

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

29 May 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24E0354	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2024.05.29 16:26:03 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24E0354	Turn-around Requested: 3 Day	Date: 05/15/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-354A-051524	05/15/24	13:00	Soil	1	✔	✔	
SO-TC-354B-051524	05/15/24	13:15	Soil	1	✔	✔	
SO-TC-354C-051524	05/15/24	13:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
	(Signature) Kenny King	(Signature)	(Signature)	(Signature)
	Printed Name: Kenny King	Printed Name: Roman R.	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/15/2024 16:15	Date & Time: 5/16/24 1615	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-354A-051524	24E0354-01	Solid	15-May-2024 13:00	15-May-2024 16:15
SO-TC-354B-051524	24E0354-02	Solid	15-May-2024 13:15	15-May-2024 16:15
SO-TC-354C-051524	24E0354-03	Solid	15-May-2024 13:30	15-May-2024 16:15

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:22

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24E0354

Sample receipt

The sample(s) as listed on the preceding page were received 15-May-2024 16:15 under ARI work order 24E0354. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24E0354 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 20.4°

Time 1615

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 9708

Cooler Accepted by: Date: 5/15/24 Time: 1615

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 5/15/24 Time: 16:21 Labels checked by:

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:22

SO-TC-354A-051524

24E0354-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/15/2024 13:00
Instrument: ICP3 Analyst: SH — Analyzed: 05/28/2024 18:29

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0354-01 A 02
Preparation Batch: BME0446 — Sample Size: 25 mL (wet)
Prepared: 05/17/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.104	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:22

SO-TC-354A-051524

24E0354-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/15/2024 13:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/16/2024 15:24

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0354-01 A

Preparation Batch: BME0432 — Sample Size: 20.82 g (wet)

Prepared: 05/16/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.31	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:22

SO-TC-354B-051524

24E0354-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/15/2024 13:15

Instrument: ICP3 Analyst: SH — Analyzed: 05/28/2024 18:20

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0354-02 A 02

Preparation Batch: BME0446 — Sample Size: 25 mL (wet)

Prepared: 05/17/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0695	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:22

SO-TC-354B-051524

24E0354-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/15/2024 13:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/16/2024 15:24

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0354-02 A

Preparation Batch: BME0432 — Sample Size: 20.8 g (wet)

Prepared: 05/16/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.38	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:22

SO-TC-354C-051524

24E0354-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/15/2024 13:30

Instrument: ICP3 Analyst: SH — Analyzed: 05/28/2024 18:23

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0354-03 A 02

Preparation Batch: BME0446 — Sample Size: 25 mL (wet)

Prepared: 05/17/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0840	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:22

SO-TC-354C-051524

24E0354-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/15/2024 13:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/16/2024 15:24

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0354-03 A

Preparation Batch: BME0432 — Sample Size: 20.04 g (wet)

Prepared: 05/16/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.20	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:22

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BME0446 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BME0446-BLK1)				Prepared: 17-May-2024 Analyzed: 28-May-2024 18:14							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BME0446-DUP1)		**Source: 24E0354-01**		Prepared: 17-May-2024 Analyzed: 28-May-2024 18:32							
Arsenic	0.113	0.0140	0.250	mg/L		0.104			7.85	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BME0446-MS1)		**Source: 24E0354-01**		Prepared: 17-May-2024 Analyzed: 28-May-2024 18:35							
Arsenic	4.16	0.0140	0.250	mg/L	4.00	0.104	101	75-125			
Lead	3.76	0.0065	0.100	mg/L	4.00	ND	93.9	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:22

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BME0432 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BME0432-BS1)				Prepared: 16-May-2024 Analyzed: 16-May-2024 15:24							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BME0432-DUP1)		**Source: 24E0354-01**		Prepared: 16-May-2024 Analyzed: 16-May-2024 15:24							
pH	9.26	0.01	0.01	pH Units		9.31			0.54	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:22

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	29-May-2024 16:22

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

29 May 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24E0444	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2024.05.29 16:30:35 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24E0444	Turn-around Requested: 3 Day	Date: 5/20/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-355A-052024	05/20/24	13:25	Soil	1	✔	✔							
SO-TC-355B-052024	05/20/24	13:40	Soil	1	✔	✔							
SO-TC-355C-052024	05/20/24	13:55	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Roman M.	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/20/2024 16:11	Date & Time: 5/20/24 1611	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-355A-052024	24E0444-01	Solid	20-May-2024 13:25	20-May-2024 16:11
SO-TC-355B-052024	24E0444-02	Solid	20-May-2024 13:40	20-May-2024 16:11
SO-TC-355C-052024	24E0444-03	Solid	20-May-2024 13:55	20-May-2024 16:11

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24E0444

Sample receipt

Sample(s) as listed on the preceding page were received 20-May-2024 16: 11 under ARI work order 24E0444. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24E0444 Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1611 25.6°

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 9708

Cooler Accepted by: Date: 5/20/24 Time: 1611

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: Anthony G. Date: 5/20/24 Time: 16:17 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24E0444

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type
25.6°		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 5/20/24 Time: 1611

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

SO-TC-355A-052024

24E0444-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/20/2024 13:25
Instrument: ICP3 Analyst: SH — Analyzed: 05/28/2024 19:33

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0444-01 A 02
Preparation Batch: BME0539 — Sample Size: 25 mL (wet)
Prepared: 05/22/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0710	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

SO-TC-355A-052024

24E0444-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/20/2024 13:25

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/23/2024 15:47

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0444-01 A

Preparation Batch: BME0598 — Sample Size: 20.43 g (wet)

Prepared: 05/23/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.04	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

SO-TC-355B-052024

24E0444-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/20/2024 13:40

Instrument: ICP3 Analyst: SH — Analyzed: 05/28/2024 19:36

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0444-02 A 02

Preparation Batch: BME0539 — Sample Size: 25 mL (wet)

Prepared: 05/22/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0790	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

SO-TC-355B-052024

24E0444-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/20/2024 13:40

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/23/2024 15:47

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0444-02 A

Preparation Batch: BME0598 — Sample Size: 20.58 g (wet)

Prepared: 05/23/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.93	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

SO-TC-355C-052024

24E0444-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/20/2024 13:55

Instrument: ICP3 Analyst: SH — Analyzed: 05/28/2024 19:39

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0444-03 A 02

Preparation Batch: BME0539 — Sample Size: 25 mL (wet)

Prepared: 05/22/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0715	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

SO-TC-355C-052024

24E0444-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/20/2024 13:55

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/23/2024 15:47

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0444-03 A

Preparation Batch: BME0598 — Sample Size: 20.04 g (wet)

Prepared: 05/23/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.08	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BME0539 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BME0539-BLK1)	Prepared: 22-May-2024 Analyzed: 28-May-2024 19:30										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BME0598 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BME0598-BS1)				Prepared: 23-May-2024 Analyzed: 23-May-2024 15:47							
pH	7.01	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BME0598-DUP1)		**Source: 24E0444-01**		Prepared: 23-May-2024 Analyzed: 23-May-2024 15:47							
pH	8.97	0.01	0.01	pH Units		9.04			0.78	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:29

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

29 May 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24E0483	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.05.29 16:39:47 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24E0483	Turn-around Requested: 3 Day	Date: 5/21/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 16.4
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-356A-052124	05/21/24	14:15	Soil	1	✔	✔	
SO-TC-356B-052124	05/21/24	14:30	Soil	1	✔	✔	
SO-TC-356C-052124	05/21/24	14:45	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	5/21/2024 1631				05/21/24 1631								

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-356A-052124	24E0483-01	Solid	21-May-2024 14:15	21-May-2024 16:31
SO-TC-356B-052124	24E0483-02	Solid	21-May-2024 14:30	21-May-2024 16:31
SO-TC-356C-052124	24E0483-03	Solid	21-May-2024 14:45	21-May-2024 16:31

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24E0483

Sample receipt

Sample(s) as listed on the preceding page were received 21-May-2024 16:31 under ARI work order 24E0483. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24E0483 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 16.4°C

Time 1631

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 509708

Cooler Accepted by: MG Date: 05/21/24 Time: 1637

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: ESK Date: 5/21/24 Time: 17:17 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24E0483

Cooler#: / **Temperature(°C):** 16.4°C

Sample ID	Bottle Count	Bottle Type
samples received above 6.0°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: MD Date: 05/4/24 Time: 1651

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

SO-TC-356A-052124

24E0483-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/21/2024 14:15
Instrument: ICP3 Analyst: SH — Analyzed: 05/28/2024 18:58

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0483-01 A 02
Preparation Batch: BME0582 — Sample Size: 25 mL (wet)
Prepared: 05/23/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0755	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

SO-TC-356A-052124

24E0483-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/21/2024 14:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/23/2024 15:47

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0483-01 A

Preparation Batch: BME0598 — Sample Size: 20.88 g (wet)

Prepared: 05/23/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.19	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

SO-TC-356B-052124

24E0483-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/21/2024 14:30

Instrument: ICP3 Analyst: SH — Analyzed: 05/28/2024 18:52

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0483-02 A 02

Preparation Batch: BME0582 — Sample Size: 25 mL (wet)

Prepared: 05/23/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0655	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

SO-TC-356B-052124

24E0483-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/21/2024 14:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/23/2024 15:47

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0483-02 A

Preparation Batch: BME0598 — Sample Size: 20.03 g (wet)

Prepared: 05/23/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.14	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

SO-TC-356C-052124

24E0483-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/21/2024 14:45

Instrument: ICP3 Analyst: SH — Analyzed: 05/28/2024 18:55

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0483-03 A 02

Preparation Batch: BME0582 — Sample Size: 25 mL (wet)

Prepared: 05/23/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0745	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.484	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

SO-TC-356C-052124

24E0483-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/21/2024 14:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/23/2024 15:47

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0483-03 A

Preparation Batch: BME0598 — Sample Size: 20.53 g (wet)

Prepared: 05/23/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.00	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BME0582 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BME0582-BLK1)				Prepared: 23-May-2024 Analyzed: 28-May-2024 18:49							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BME0582-DUP1)		**Source: 24E0483-01**		Prepared: 23-May-2024 Analyzed: 28-May-2024 19:01							
Arsenic	0.0815	0.0140	0.250	mg/L		0.0755			7.64	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BME0582-MS1)		**Source: 24E0483-01**		Prepared: 23-May-2024 Analyzed: 28-May-2024 19:04							
Arsenic	4.17	0.0140	0.250	mg/L	4.00	0.0755	102	75-125			
Lead	3.78	0.0065	0.100	mg/L	4.00	ND	94.6	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BME0598-BS1)				Prepared: 23-May-2024 Analyzed: 23-May-2024 15:47							
pH	7.01	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-May-2024 16:38

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

31 May 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24E0516	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24E0516	Turn-around Requested: 3 Day	Date: 5/22/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-357A-052224	05/22/24	14:45	Soil	1	✔	✔							
SO-TC-357B-052224	05/22/24	15:00	Soil	1	✔	✔							
SO-TC-357C-052224	05/22/24	15:15	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Sarah Gant	Printed Name:	Printed Name:
	Company: PERC	Company: ARLLC	Company:	Company:
	Date & Time: 5/22/2024 16:26	Date & Time: 5/22/2024 16:26	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	31-May-2024 08:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-357A-052224	24E0516-01	Solid	22-May-2024 14:45	22-May-2024 16:26
SO-TC-357B-052224	24E0516-02	Solid	22-May-2024 15:00	22-May-2024 16:26
SO-TC-357C-052224	24E0516-03	Solid	22-May-2024 15:15	22-May-2024 16:26

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-May-2024 08:17

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24E0516

Sample receipt

The sample(s) as listed on the preceding page were received 22-May-2024 16:26 under ARI work order 24E0516. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Kenny King Project Name: Superlon Plastics

COC No(s): _____ (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 24E0516 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO

Were custody papers included with the cooler? YES NO

Were custody papers properly filled out (ink, signed, etc.) YES NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 16:26 2.9 ___ ___ ___ ___ ___

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 9708

Cooler Accepted by: _____ Date: 5/22/24 Time: 16:26

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____

Was sufficient ice used (if appropriate)? NA YES (NO)

How were bottles sealed in plastic bags? Individually (Grouped) Not

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA) _____

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: Anthony G Date: 5/23/24 Time: 9:25 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24E0516

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type
Sample temp above 6°C at arrival		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: SG Date: 5/22/24 Time: 16:20

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-May-2024 08:17

SO-TC-357A-052224

24E0516-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/22/2024 14:45
Instrument: ICP3 Analyst: SH — Analyzed: 05/29/2024 20:50

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0516-01 A 02
Preparation Batch: BME0655 — Sample Size: 25 mL (wet)
Prepared: 05/25/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.120	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	1.64	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-May-2024 08:17

SO-TC-357A-052224

24E0516-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/22/2024 14:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/23/2024 15:47

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0516-01 A

Preparation Batch: BME0598 — Sample Size: 20.52 g (wet)

Prepared: 05/23/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.37	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-May-2024 08:17

SO-TC-357B-052224

24E0516-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/22/2024 15:00

Instrument: ICP3 Analyst: SH — Analyzed: 05/29/2024 20:41

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0516-02 A 02

Preparation Batch: BME0655 — Sample Size: 25 mL (wet)

Prepared: 05/25/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0515	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.296	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-May-2024 08:17

SO-TC-357B-052224

24E0516-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/22/2024 15:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/23/2024 15:47

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0516-02 A

Preparation Batch: BME0598 — Sample Size: 20.45 g (wet)

Prepared: 05/23/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.52	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-May-2024 08:17

SO-TC-357C-052224

24E0516-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/22/2024 15:15

Instrument: ICP3 Analyst: SH — Analyzed: 05/29/2024 20:47

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0516-03 A 02

Preparation Batch: BME0655 — Sample Size: 25 mL (wet)

Prepared: 05/25/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0915	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	9.63	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-May-2024 08:17

SO-TC-357C-052224

24E0516-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/22/2024 15:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/23/2024 15:47

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0516-03 A

Preparation Batch: BME0598 — Sample Size: 20.22 g (wet)

Prepared: 05/23/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.20	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-May-2024 08:17

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BME0655 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BME0655-BLK1)				Prepared: 25-May-2024 Analyzed: 29-May-2024 20:37							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BME0655-DUP1)		**Source: 24E0516-01**		Prepared: 25-May-2024 Analyzed: 29-May-2024 20:53							
Arsenic	0.119	0.0140	0.250	mg/L		0.120			0.84	20	J
Lead	1.60	0.0065	0.100	mg/L		1.64			2.04	20	
Matrix Spike (BME0655-MS1)		**Source: 24E0516-01**		Prepared: 25-May-2024 Analyzed: 29-May-2024 20:56							
Arsenic	4.10	0.0140	0.250	mg/L	4.00	0.120	99.6	75-125			
Lead	5.35	0.0065	0.100	mg/L	4.00	1.64	92.8	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-May-2024 08:17

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BME0598-BS1)				Prepared: 23-May-2024 Analyzed: 23-May-2024 15:47							
pH	7.01	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-May-2024 08:17

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	31-May-2024 08:17

Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

04 June 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24E0622	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.06.04 14:41:31 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24E0622	Turn-around Requested: 3 Day	Date: 5/28/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-358A-052824	05/28/24	09:00	Soil	1	✔	✔	
SO-TC-358B-052824	05/28/24	09:15	Soil	1	✔	✔	
SO-TC-358C-052824	05/28/24	09:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Roman M.	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/28/2024 16:18	Date & Time: 5/28/24 1618	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-358A-052824	24E0622-01	Solid	28-May-2024 09:00	28-May-2024 16:18
SO-TC-358B-052824	24E0622-02	Solid	28-May-2024 09:15	28-May-2024 16:18
SO-TC-358C-052824	24E0622-03	Solid	28-May-2024 09:30	28-May-2024 16:18

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24E0622

Sample receipt

The sample(s) as listed on the preceding page were received 28-May-2024 16:18 under ARI work order 24E0622. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24E0622 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1618 20.8°

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 9878

Cooler Accepted by: Date: 5/28/24 Time: 1618

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: Date: 5/28/24 Time: 10:42 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

SO-TC-358A-052824

24E0622-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/28/2024 09:00
Instrument: ICP3 Analyst: DOE — Analyzed: 05/31/2024 09:47

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0622-01 A 02
Preparation Batch: BME0762 — Sample Size: 25 mL (wet)
Prepared: 05/30/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0745	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

SO-TC-358A-052824

24E0622-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/28/2024 09:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/03/2024 15:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0622-01 A

Preparation Batch: BME0821 — Sample Size: 20.5341 g (wet)

Prepared: 05/31/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.13	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

SO-TC-358B-052824

24E0622-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/28/2024 09:15

Instrument: ICP3 Analyst: DOE — Analyzed: 05/31/2024 09:50

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0622-02 A 02

Preparation Batch: BME0762 — Sample Size: 25 mL (wet)

Prepared: 05/30/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0180	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.242	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

SO-TC-358B-052824

24E0622-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/28/2024 09:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/03/2024 15:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0622-02 A

Preparation Batch: BME0821 — Sample Size: 20.277 g (wet)

Prepared: 05/31/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.04	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

SO-TC-358C-052824

24E0622-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/28/2024 09:30

Instrument: ICP3 Analyst: DOE — Analyzed: 05/31/2024 09:53

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0622-03 A 02

Preparation Batch: BME0762 — Sample Size: 25 mL (wet)

Prepared: 05/30/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0250	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.286	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

SO-TC-358C-052824

24E0622-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/28/2024 09:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/03/2024 15:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0622-03 A

Preparation Batch: BME0821 — Sample Size: 20.0589 g (wet)

Prepared: 05/31/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.05	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BME0762 - EPA 6010D

Instrument: ICP3 Analyst: DOE

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BME0762-BLK1)	Prepared: 30-May-2024 Analyzed: 31-May-2024 08:45										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BME0821-BS1)				Prepared: 31-May-2024 Analyzed: 03-Jun-2024 15:38							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	04-Jun-2024 14:39

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

06 June 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24E0653	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.06.06 10:22:41 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24E0653	Turn-around Requested: 3 Day	Date: 05/29/24	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: Cooler Temps:	
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-359A-052924	05/29/24	10:00	Soil	1	✔	✔	
SO-TC-359B-052924	05/29/24	10:15	Soil	1	✔	✔	
SO-TC-359C-052924	05/29/24	10:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Jeff King	Printed Name: Emma Stewart	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 5/29/24 12:21	Date & Time: 5/29/24 12:21	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-359A-052924	24E0653-01	Solid	29-May-2024 10:00	29-May-2024 12:21
SO-TC-359B-052924	24E0653-02	Solid	29-May-2024 10:15	29-May-2024 12:21
SO-TC-359C-052924	24E0653-03	Solid	29-May-2024 10:30	29-May-2024 12:21

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24E0653

Sample receipt

The sample(s) as listed on the preceding page were received 29-May-2024 12:21 under ARI work order 24E0653. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: SUPERLON PLASTICS

COC No(s): (NA)

Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other: ____

Assigned ARI Job No: 24E0653

Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 12:21 — 21.0

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 811

Cooler Accepted by: E.St Date: 5/29/24 Time: 12:21

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: ____		
Was sufficient ice used (if appropriate)?	(NA)	YES	NO
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)	____	

Were the sample(s) split by ARI? (NA) YES Date/Time: ____ Equipment: ____ Split by: ____

Samples Logged by: Anthony G. Date: 5/29/24 Time: 12:27 Labels checked by: ____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

SO-TC-359A-052924

24E0653-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/29/2024 10:00

Instrument: ICP3 Analyst: SH — Analyzed: 06/04/2024 16:00

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0653-01 A 02

Preparation Batch: BME0806 — Sample Size: 25 mL (wet)

Prepared: 05/31/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0600	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0210	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

SO-TC-359A-052924

24E0653-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/29/2024 10:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/03/2024 15:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0653-01 A

Preparation Batch: BME0821 — Sample Size: 20.0169 g (wet)

Prepared: 05/31/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.94	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

SO-TC-359B-052924

24E0653-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/29/2024 10:15

Instrument: ICP3 Analyst: SH — Analyzed: 06/04/2024 16:04

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0653-02 A 02

Preparation Batch: BME0806 — Sample Size: 25 mL (wet)

Prepared: 05/31/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0700	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

SO-TC-359B-052924

24E0653-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/29/2024 10:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/03/2024 15:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0653-02 A

Preparation Batch: BME0821 — Sample Size: 20.8511 g (wet)

Prepared: 05/31/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.06	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

SO-TC-359C-052924

24E0653-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 05/29/2024 10:30

Instrument: ICP3 Analyst: SH — Analyzed: 06/04/2024 16:07

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24E0653-03 A 02

Preparation Batch: BME0806 — Sample Size: 25 mL (wet)

Prepared: 05/31/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0885	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.122	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

SO-TC-359C-052924

24E0653-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 05/29/2024 10:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/03/2024 15:38

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24E0653-03 A

Preparation Batch: BME0821 — Sample Size: 20.1701 g (wet)

Prepared: 05/31/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.97	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BME0806 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BME0806-BLK1)				Prepared: 31-May-2024 Analyzed: 04-Jun-2024 15:53							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BME0821-BS1)				Prepared: 31-May-2024 Analyzed: 03-Jun-2024 15:38							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	06-Jun-2024 10:20

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

11 June 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24F0031	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2024.06.11 17:05:24 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24F0031	Turn-around Requested: 3 Day	Date: 6/3/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-360A-060324	06/03/24	11:30	Soil	1	✔	✔	
SO-TC-360B-060324	06/03/24	11:45	Soil	1	✔	✔	
SO-TC-360C-060324	06/03/24	12:00	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Sydn. Acevedo	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/3/2024 16:16	Date & Time: 06/03/24 16:16	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-360A-060324	24F0031-01	Solid	03-Jun-2024 11:30	03-Jun-2024 16:16
SO-TC-360B-060324	24F0031-02	Solid	03-Jun-2024 11:45	03-Jun-2024 16:16
SO-TC-360C-060324	24F0031-03	Solid	03-Jun-2024 12:00	03-Jun-2024 16:16

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24F0031

Sample receipt

The sample(s) as listed on the preceding page were received 03-Jun-2024 16:16 under ARI work order 24F0031. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) was within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Kenny King Project Name: Superlon Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 24F0031 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time _____ 20.4 _____ _____ _____ _____ _____

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: J009708

Cooler Accepted by: SA Date: 06/03/24 Time: 16:16

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A		
Was sufficient ice used (if appropriate)?	(NA)	YES	NO
How were bottles sealed in plastic bags?	Individually	(Grouped)	(Not)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: Anthony G. Date: 6/3/24 Time: 16:37 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: _____ Date: _____

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

SO-TC-360A-060324

24F0031-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/03/2024 11:30
Instrument: ICP3 Analyst: SH — Analyzed: 06/06/2024 19:44

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0031-01 A 02
Preparation Batch: BMF0149 — Sample Size: 25 mL (wet)
Prepared: 06/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0660	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

SO-TC-360A-060324

24F0031-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/03/2024 11:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/10/2024 12:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24F0031-01 A

Preparation Batch: BMF0161 — Sample Size: 20.3473 g (wet)

Prepared: 06/06/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.05	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

SO-TC-360B-060324

24F0031-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/03/2024 11:45

Instrument: ICP3 Analyst: SH — Analyzed: 06/06/2024 19:26

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0031-02 A 02

Preparation Batch: BMF0149 — Sample Size: 25 mL (wet)

Prepared: 06/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0780	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

SO-TC-360B-060324

24F0031-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/03/2024 11:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/10/2024 12:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24F0031-02 A

Preparation Batch: BMF0161 — Sample Size: 20.8823 g (wet)

Prepared: 06/06/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.91	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

SO-TC-360C-060324

24F0031-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/03/2024 12:00

Instrument: ICP3 Analyst: SH — Analyzed: 06/06/2024 19:29

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0031-03 A 02

Preparation Batch: BMF0149 — Sample Size: 25 mL (wet)

Prepared: 06/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0505	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

SO-TC-360C-060324

24F0031-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/03/2024 12:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/10/2024 12:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24F0031-03 A

Preparation Batch: BMF0161 — Sample Size: 20.2393 g (wet)

Prepared: 06/06/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.94	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMF0149 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMF0149-BLK1)				Prepared: 06-Jun-2024 Analyzed: 06-Jun-2024 19:23							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BMF0149-DUP1)		**Source: 24F0031-01**		Prepared: 06-Jun-2024 Analyzed: 06-Jun-2024 19:47							
Arsenic	0.0605	0.0140	0.250	mg/L		0.0660			8.70	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BMF0149-MS1)		**Source: 24F0031-01**		Prepared: 06-Jun-2024 Analyzed: 06-Jun-2024 19:50							
Arsenic	4.18	0.0140	0.250	mg/L	4.00	0.0660	103	75-125			
Lead	3.83	0.0065	0.100	mg/L	4.00	ND	95.6	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BMF0161 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMF0161-BS1)				Prepared: 06-Jun-2024 Analyzed: 10-Jun-2024 12:48							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BMF0161-DUP1)		**Source: 24F0031-01**		Prepared: 06-Jun-2024 Analyzed: 10-Jun-2024 12:48							
pH	9.06	0.01	0.01	pH Units		9.05			0.11	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 16:58

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

11 June 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24F0058	N/A

Shelly Fishel
Digitally signed by Shelly Fishel
Date: 2024.06.11 18:16:11 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Shelly Fishel For Phillip Bates, Project Manager

nelac
Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24F0058	Turn-around Requested: 3 Day	Date: 6/4/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-361A-060424	06/04/24	09:30	Soil	1	✔	✔							
SO-TC-361B-060424	06/04/24	09:45	Soil	1	✔	✔							
SO-TC-361C-060424	06/04/24	10:00	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	6/4/2024 16:11	Sarah Giv	Sarah Giv	ARLLC	6/4/24 16:11								

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-361A-060424	24F0058-01	Solid	04-Jun-2024 09:30	04-Jun-2024 16:11
SO-TC-361B-060424	24F0058-02	Solid	04-Jun-2024 09:45	04-Jun-2024 16:11
SO-TC-361C-060424	24F0058-03	Solid	04-Jun-2024 10:00	04-Jun-2024 16:11

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24F0058

Sample receipt

The sample(s) as listed on the preceding page were received 04-Jun-2024 16: 11 under ARI work order 24F0058. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Kenny King / PERC
Project Name: Superlon Plastics
COC No(s): _____ (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____
Assigned ARI Job No: 24F0058
Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 21.8

Time 16:11

If cooler temperature is out of compliance fill out form 00070F SC 6/4/24 Temp Gun ID#: 1705

Cooler Accepted by: [signature] Date: ~~6/4~~ 6/4/24 Time: 16:11

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? SW		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	(NO)
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: [signature] Date: SC 6/4/24 Time: 16:11 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24F0058

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type
Samples temp over 6°C at time of arrival (21.8°C)		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: [signature] Date: 6/4/24 Time: 16:11

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

SO-TC-361A-060424

24F0058-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/04/2024 09:30
Instrument: ICP3 Analyst: SH — Analyzed: 06/06/2024 19:32

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0058-01 A 02
Preparation Batch: BMF0149 — Sample Size: 25 mL (wet)
Prepared: 06/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0780	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

SO-TC-361A-060424

24F0058-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/04/2024 09:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/10/2024 12:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24F0058-01 A

Preparation Batch: BMF0161 — Sample Size: 20.8113 g (wet)

Prepared: 06/06/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.01	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

SO-TC-361B-060424

24F0058-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/04/2024 09:45

Instrument: ICP3 Analyst: SH — Analyzed: 06/06/2024 19:35

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0058-02 A 02

Preparation Batch: BMF0149 — Sample Size: 25 mL (wet)

Prepared: 06/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.101	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

SO-TC-361B-060424

24F0058-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/04/2024 09:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/10/2024 12:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24F0058-02 A

Preparation Batch: BMF0161 — Sample Size: 20.2389 g (wet)

Prepared: 06/06/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.12	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

SO-TC-361C-060424

24F0058-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/04/2024 10:00

Instrument: ICP3 Analyst: SH — Analyzed: 06/06/2024 19:38

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0058-03 A 02

Preparation Batch: BMF0149 — Sample Size: 25 mL (wet)

Prepared: 06/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.109	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

SO-TC-361C-060424

24F0058-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/04/2024 10:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/10/2024 12:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24F0058-03 A

Preparation Batch: BMF0161 — Sample Size: 20.6305 g (wet)

Prepared: 06/06/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.11	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMF0149 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMF0149-BLK1)				Prepared: 06-Jun-2024 Analyzed: 06-Jun-2024 19:23							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMF0161-BS1)				Prepared: 06-Jun-2024 Analyzed: 10-Jun-2024 12:48							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jun-2024 18:13

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

14 June 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24F0097	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.06.14 09:13:35 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24F0097	Turn-around Requested: 3 Day	Date: 6/5/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-362A-060524	06/05/24	09:00	Soil	1	✔	✔	
SO-TC-362B-060524	06/05/24	09:15	Soil	1	✔	✔	
SO-TC-362C-060524	06/05/24	09:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	6/5/24 16:21			ARLLC	6/5/24 16:21								

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-362A-060524	24F0097-01	Solid	05-Jun-2024 09:00	05-Jun-2024 16:21
SO-TC-362B-060524	24F0097-02	Solid	05-Jun-2024 09:15	05-Jun-2024 16:21
SO-TC-362C-060524	24F0097-03	Solid	05-Jun-2024 09:30	05-Jun-2024 16:21

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24F0097

Sample receipt

The sample(s) as listed on the preceding page were received 05-Jun-2024 16:21 under ARI work order 24F0097. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): _____ (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 24F0097 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 2.73

Time 16:21

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 15008117

Cooler Accepted by: _____ Date: 6/5/24 Time: 16:21

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other: _____		
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)	_____	

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: Anthony G. Date: 6/6/24 Time: 8:47 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: _____ Date: _____

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

SO-TC-362A-060524

24F0097-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/05/2024 09:00
Instrument: ICP3 Analyst: SH — Analyzed: 06/13/2024 14:51

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0097-01 A 03
Preparation Batch: BMF0286 — Sample Size: 25 mL (wet)
Prepared: 06/12/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.141	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.146	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

SO-TC-362A-060524

24F0097-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/05/2024 09:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/10/2024 12:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24F0097-01 A

Preparation Batch: BMF0161 — Sample Size: 20.1705 g (wet)

Prepared: 06/06/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.98	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

SO-TC-362B-060524

24F0097-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/05/2024 09:15

Instrument: ICP3 Analyst: SH — Analyzed: 06/13/2024 14:55

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0097-02 A 03

Preparation Batch: BMF0286 — Sample Size: 25 mL (wet)

Prepared: 06/12/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.376	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

SO-TC-362B-060524

24F0097-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/05/2024 09:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/10/2024 12:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24F0097-02 A

Preparation Batch: BMF0161 — Sample Size: 20.0923 g (wet)

Prepared: 06/06/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.99	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

SO-TC-362C-060524

24F0097-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/05/2024 09:30

Instrument: ICP3 Analyst: SH — Analyzed: 06/13/2024 14:58

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0097-03 A 03

Preparation Batch: BMF0286 — Sample Size: 25 mL (wet)

Prepared: 06/12/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.130	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

SO-TC-362C-060524

24F0097-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/05/2024 09:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/10/2024 12:48

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24F0097-03 A

Preparation Batch: BMF0161 — Sample Size: 20.977 g (wet)

Prepared: 06/06/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.92	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMF0286 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMF0286-BLK1)				Prepared: 12-Jun-2024 Analyzed: 13-Jun-2024 14:39							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMF0161-BS1)				Prepared: 06-Jun-2024 Analyzed: 10-Jun-2024 12:48							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	14-Jun-2024 09:12

Notes and Definitions

*	Flagged value is not within established control limits.
B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

17 June 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24F0257	N/A

Shelly Fishel

Digitally signed by Shelly Fishel
Date: 2024.06.17 19:15:47 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Shelly Fishel For Phillip Bates, Project Manager

Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24F0257	Turn-around Requested: 3 Day	Date: 06/11/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-363A-061124	06/11/24	12:00	Soil	1	✔	✔							
SO-TC-363B-061124	06/11/24	12:15	Soil	1	✔	✔							
SO-TC-363C-061124	06/11/24	12:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
	(Signature) Kenny King	(Signature) Sarah Cinn	(Signature)	(Signature)
	Printed Name: Kenny King	Printed Name: Sarah Cinn	Printed Name:	Printed Name:
	Company: PERC	Company: ARLLC	Company:	Company:
	Date & Time: 6/11/2024 16:07	Date & Time: 6/11/24 16:07	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-363A-061124	24F0257-01	Solid	11-Jun-2024 12:00	11-Jun-2024 16:07
SO-TC-363B-061124	24F0257-02	Solid	11-Jun-2024 12:15	11-Jun-2024 16:07
SO-TC-363C-061124	24F0257-03	Solid	11-Jun-2024 12:30	11-Jun-2024 16:07

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24F0257

Sample receipt

The sample(s) as listed on the preceding page were received 11-Jun-2024 16:07 under ARI work order 24F0257. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

WORK ORDER

24F0257

Samples will be discarded 90 days after submission of a final report unless other instructions are received

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Phillip Bates

Project: Superion Plastics **Project Number:** SLON

Analysis	Due	TAT	Expires	Comments
24F0257-01 SO-TC-363A-061124 [Solid] Sampled 11-Jun-2024 12:00 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	17-Jun-2024 15:00	3	25-Jun-2024 23:59	
TCLP 1311	17-Jun-2024 15:00	3	09-Jul-2024 23:59	
TCLP 6010D - As	17-Jun-2024 15:00	3	08-Dec-2024 23:59	
TCLP 6010D - Pb	17-Jun-2024 15:00	3	08-Dec-2024 23:59	
24F0257-02 SO-TC-363B-061124 [Solid] Sampled 11-Jun-2024 12:15 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	17-Jun-2024 15:00	3	25-Jun-2024 23:59	
TCLP 1311	17-Jun-2024 15:00	3	09-Jul-2024 23:59	
TCLP 6010D - As	17-Jun-2024 15:00	3	08-Dec-2024 23:59	
TCLP 6010D - Pb	17-Jun-2024 15:00	3	08-Dec-2024 23:59	
24F0257-03 SO-TC-363C-061124 [Solid] Sampled 11-Jun-2024 12:30 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	17-Jun-2024 15:00	3	25-Jun-2024 23:59	
TCLP 1311	17-Jun-2024 15:00	3	09-Jul-2024 23:59	
TCLP 6010D - As	17-Jun-2024 15:00	3	08-Dec-2024 23:59	
TCLP 6010D - Pb	17-Jun-2024 15:00	3	08-Dec-2024 23:59	

Reviewed By Date

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PerC
Project Name: Superlon Plastics
COC No(s): _____ NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____
Assigned ARI Job No: 24F0257
Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO
Were custody papers included with the cooler? YES NO
Were custody papers properly filled out (ink, signed, etc.) YES NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 16:07 23.8 ___ ___ ___ ___ ___

If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: 9208

Cooler Accepted by: [signature] Date: 6/11/24 Time: 16:07

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? 3.5 6/11/24 YES NO
What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: _____
Was sufficient ice used (if appropriate)? NA YES NO
How were bottles sealed in plastic bags? Individually Grouped Not
Did all bottles arrive in good condition (unbroken)? YES NO
Were all bottle labels complete and legible? YES NO
Did the number of containers listed on COC match with the number of containers received? YES NO
Did all bottle labels and tags agree with custody papers? YES NO
Were all bottles used correct for the requested analyses? YES NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES NO
Were all VOC vials free of air bubbles? NA YES NO
Was sufficient amount of sample sent in each bottle? YES NO
Date VOC Trip Blank was made at ARI NA _____
Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: [signature] Date: 6/11/24 Time: 16:47 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

SO-TC-363A-061124

24F0257-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/11/2024 12:00
Instrument: ICP3 Analyst: SH — Analyzed: 06/15/2024 14:38

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0257-01 A 02
Preparation Batch: BMF0339 — Sample Size: 25 mL (wet)
Prepared: 06/13/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.290	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

SO-TC-363A-061124

24F0257-01RE1 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/11/2024 12:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/14/2024 11:48

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0257-01RE1 A

Preparation Batch: BMF0293 — Sample Size: 20.6338 g (wet)

Prepared: 06/12/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.75	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

SO-TC-363B-061124

24F0257-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/11/2024 12:15

Instrument: ICP3 Analyst: SH — Analyzed: 06/15/2024 14:41

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0257-02 A 02

Preparation Batch: BMF0339 — Sample Size: 25 mL (wet)

Prepared: 06/13/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0825	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0100	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

SO-TC-363B-061124

24F0257-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/11/2024 12:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/14/2024 11:48

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0257-02 A

Preparation Batch: BMF0293 — Sample Size: 20.3138 g (wet)

Prepared: 06/12/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.49	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

SO-TC-363C-061124

24F0257-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/11/2024 12:30

Instrument: ICP3 Analyst: SH — Analyzed: 06/15/2024 14:45

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0257-03 A 02

Preparation Batch: BMF0339 — Sample Size: 25 mL (wet)

Prepared: 06/13/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.113	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

SO-TC-363C-061124

24F0257-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/11/2024 12:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/14/2024 11:48

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0257-03 A

Preparation Batch: BMF0293 — Sample Size: 20.5634 g (wet)

Prepared: 06/12/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.21	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMF0339 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMF0339-BLK1)				Prepared: 13-Jun-2024 Analyzed: 15-Jun-2024 14:32							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BMF0293 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMF0293-BS1)				Prepared: 12-Jun-2024 Analyzed: 14-Jun-2024 11:48							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BMF0293-DUP1)		**Source: 24F0257-01**		Prepared: 12-Jun-2024 Analyzed: 14-Jun-2024 11:48							
pH	8.83	0.01	0.01	pH Units		8.54			3.34	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	17-Jun-2024 19:14

Notes and Definitions

B	This analyte was detected in the method blank.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

25 June 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

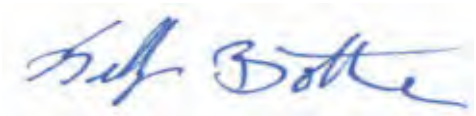
Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24F0395	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC



Kelly Bottem For Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Accredited in accordance with nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24F0395	Turn-around Requested: 3 Day	Date: 06/17/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page:	of
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-364A-061724	06/17/24	15:00	Soil	1	✔	✔							
SO-TC-364B-061724	06/17/24	15:15	Soil	1	✔	✔							
SO-TC-364C-061724	06/17/24	15:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
	(Signature) Kenny King	(Signature) E. S	(Signature)	(Signature)
	Printed Name: Kenny King	Printed Name: Emma Stewart	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/17/2024 16:24	Date & Time: 6/17/24 16:24	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-364A-061724	24F0395-01	Solid	17-Jun-2024 15:00	17-Jun-2024 16:24
SO-TC-364B-061724	24F0395-02	Solid	17-Jun-2024 15:15	17-Jun-2024 16:24
SO-TC-364C-061724	24F0395-03	Solid	17-Jun-2024 15:30	17-Jun-2024 16:24

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:19

Work Order Case Narrative

Client: Perc- Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 24F0395

Sample receipt

Samples as listed on the preceding page were received June 17, 2024 under ARI work order 24F0395. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: SUPERLON PLASTICS

COC No(s): (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24F0395 Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1624 20.1

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 9708

Cooler Accepted by: E.S Date: 6/17/24 Time: 1624

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	(NA)	YES	NO
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	(NO)
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: SA Date: 06/17/24 Time: 16:34 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24F0395

Cooler#: _____ Temperature(°C): 20.1

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: _____ Time: _____

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:19

SO-TC-364A-061724

24F0395-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/17/2024 15:00
Instrument: ICP3 Analyst: SH — Analyzed: 06/22/2024 21:06

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0395-01 A 01
Preparation Batch: BMF0525 — Sample Size: 25 mL (wet)
Prepared: 06/20/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.182	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:19

SO-TC-364A-061724

24F0395-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/17/2024 15:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/18/2024 16:35

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0395-01 A

Preparation Batch: BMF0469 — Sample Size: 20.2436 g (wet)

Prepared: 06/18/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.54	pH Units	

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:19

SO-TC-364B-061724

24F0395-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/17/2024 15:15

Instrument: ICP3 Analyst: SH — Analyzed: 06/22/2024 21:09

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0395-02 A 01

Preparation Batch: BMF0525 — Sample Size: 25 mL (wet)

Prepared: 06/20/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.275	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:19

SO-TC-364B-061724

24F0395-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/17/2024 15:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/18/2024 16:35

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0395-02 A

Preparation Batch: BMF0469 — Sample Size: 20.3934 g (wet)

Prepared: 06/18/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.49	pH Units	

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:19

SO-TC-364C-061724

24F0395-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/17/2024 15:30

Instrument: ICP3 Analyst: SH — Analyzed: 06/22/2024 21:12

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0395-03 A 01

Preparation Batch: BMF0525 — Sample Size: 25 mL (wet)

Prepared: 06/20/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.192	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:19

SO-TC-364C-061724

24F0395-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/17/2024 15:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/18/2024 16:35

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0395-03 A

Preparation Batch: BMF0469 — Sample Size: 20.0006 g (wet)

Prepared: 06/18/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.36	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:19

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMF0525 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMF0525-BLK1)					Prepared: 20-Jun-2024 Analyzed: 22-Jun-2024 20:57						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:19

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMF0469-BS1)				Prepared: 18-Jun-2024 Analyzed: 18-Jun-2024 16:35							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:19

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	25-Jun-2024 09:19

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

25 June 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

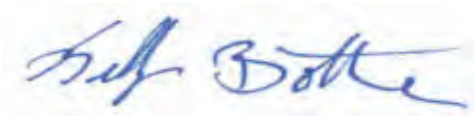
Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24F0408	N/A

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC



Kelly Bottem For Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Accredited in accordance with nelac
Cert# 100006-012

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24-20406	Turn-around Requested: 3 Day	Date: 6/18/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-365A-061824	06/18/24	14:00	Soil	1	✔	✔							
SO-TC-365B-061824	06/18/24	14:15	Soil	1	✔	✔							
SO-TC-365C-061824	06/18/24	14:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
	(Signature) Kenny King	(Signature)	(Signature)	(Signature)
	Printed Name: Kenny King	Printed Name: Roman A.	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/18/2024 16:03	Date & Time: 6/19/24 0605	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-365A-061824	24F0408-01	Solid	18-Jun-2024 14:00	18-Jun-2024 16:03
SO-TC-365B-061824	24F0408-02	Solid	18-Jun-2024 14:15	18-Jun-2024 16:03
SO-TC-365C-061824	24F0408-03	Solid	18-Jun-2024 14:30	18-Jun-2024 16:03

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:32

Work Order Case Narrative

Client: Perc- Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Work Order: 24F0408

Sample receipt

Samples as listed on the preceding page were received June 18, 2024 under ARI work order 24F0408. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PEKC

Project Name: Superior plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 241-0408

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 26.4°

Time 1603

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 7708

Cooler Accepted by: _____ Date: 6/18/24 Time: 1605

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: Anthony G Date: 6/18/24 Time: 16:33 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:32

SO-TC-365A-061824

24F0408-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/18/2024 14:00
Instrument: ICP3 Analyst: SH — Analyzed: 06/22/2024 21:35

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0408-01 A 01
Preparation Batch: BMF0525 — Sample Size: 25 mL (wet)
Prepared: 06/20/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0975	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0590	mg/L	J

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:32

SO-TC-365A-061824

24F0408-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/18/2024 14:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/21/2024 16:44

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0408-01 A

Preparation Batch: BMF0532 — Sample Size: 20.2541 g (wet)

Prepared: 06/20/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.63	pH Units	

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:32

SO-TC-365B-061824

24F0408-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/18/2024 14:15

Instrument: ICP3 Analyst: SH — Analyzed: 06/22/2024 21:38

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0408-02 A 01

Preparation Batch: BMF0525 — Sample Size: 25 mL (wet)

Prepared: 06/20/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.119	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:32

SO-TC-365B-061824

24F0408-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/18/2024 14:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/21/2024 16:44

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0408-02 A

Preparation Batch: BMF0532 — Sample Size: 20.1551 g (wet)

Prepared: 06/20/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.78	pH Units	

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:32

SO-TC-365C-061824

24F0408-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/18/2024 14:30

Instrument: ICP3 Analyst: SH — Analyzed: 06/22/2024 21:41

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0408-03 A 01

Preparation Batch: BMF0525 — Sample Size: 25 mL (wet)

Prepared: 06/20/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.128	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:32

SO-TC-365C-061824

24F0408-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/18/2024 14:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/21/2024 16:44

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0408-03 A

Preparation Batch: BMF0532 — Sample Size: 20.2154 g (wet)

Prepared: 06/20/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.00	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:32

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMF0525 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMF0525-BLK1)					Prepared: 20-Jun-2024 Analyzed: 22-Jun-2024 20:57						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

Analytical Resources, LLC
Analytical Chemists and Consultants

Analytical Report

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:32

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMF0532-BS1)				Prepared: 20-Jun-2024 Analyzed: 21-Jun-2024 16:44							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	25-Jun-2024 09:32

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	25-Jun-2024 09:32

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

28 June 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24F0441	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.06.28 12:54:08 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24F0441	Turn-around Requested: 3 Day	Date: 06/19/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-366A-061924	06/19/24	10:00	Soil	1	✔	✔							
SO-TC-366B-061924	06/19/24	10:15	Soil	1	✔	✔							
SO-TC-366C-061924	06/19/24	10:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Anthony G.	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/19/2024 14:34	Date & Time: 6/19/24 14:35	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2024 12:52

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-366A-061924	24F0441-01	Solid	19-Jun-2024 10:00	19-Jun-2024 14:35
SO-TC-366B-061924	24F0441-02	Solid	19-Jun-2024 10:15	19-Jun-2024 14:35
SO-TC-366C-061924	24F0441-03	Solid	19-Jun-2024 10:30	19-Jun-2024 14:35

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2024 12:52

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24F0441

Sample receipt

The sample(s) as listed on the preceding page were received 19-Jun-2024 14:35 under ARI work order 24F0441. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superior Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 24F0441
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO
Were custody papers included with the cooler? YES NO
Were custody papers properly filled out (ink, signed, etc.) YES NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 14:35 25.5

If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#:

Cooler Accepted by: Date: 6/19/24 Time: 14:35

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO
What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: NA
Was sufficient ice used (if appropriate)? NA YES NO
How were bottles sealed in plastic bags? Individually Grouped Not
Did all bottles arrive in good condition (unbroken)? YES NO
Were all bottle labels complete and legible? YES NO
Did the number of containers listed on COC match with the number of containers received? YES NO
Did all bottle labels and tags agree with custody papers? YES NO
Were all bottles used correct for the requested analyses? YES NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES NO
Were all VOC vials free of air bubbles? NA YES NO
Was sufficient amount of sample sent in each bottle? YES NO
Date VOC Trip Blank was made at ARI NA
Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 6/19/24 Time: 1451 Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2024 12:52

SO-TC-366A-061924

24F0441-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/19/2024 10:00

Instrument: ICP3 Analyst: SH — Analyzed: 06/26/2024 17:51

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0441-01 A 02

Preparation Batch: BMF0638 — Sample Size: 25 mL (wet)

Prepared: 06/25/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.197	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2024 12:52

SO-TC-366A-061924

24F0441-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/19/2024 10:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/21/2024 16:44

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0441-01 A

Preparation Batch: BMF0532 — Sample Size: 20.735 g (wet)

Prepared: 06/20/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.86	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2024 12:52

SO-TC-366B-061924

24F0441-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/19/2024 10:15

Instrument: ICP3 Analyst: SH — Analyzed: 06/26/2024 17:45

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0441-02 A 02

Preparation Batch: BMF0638 — Sample Size: 25 mL (wet)

Prepared: 06/25/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.200	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2024 12:52

SO-TC-366B-061924

24F0441-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/19/2024 10:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/21/2024 16:44

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0441-02 A

Preparation Batch: BMF0532 — Sample Size: 20.2245 g (wet)

Prepared: 06/20/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.68	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2024 12:52

SO-TC-366C-061924

24F0441-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/19/2024 10:30

Instrument: ICP3 Analyst: SH — Analyzed: 06/26/2024 17:48

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0441-03 A 02

Preparation Batch: BMF0638 — Sample Size: 25 mL (wet)

Prepared: 06/25/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	2.04	mg/L	
Lead	7439-92-1	5	0.0065	0.100	1.72	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2024 12:52

SO-TC-366C-061924

24F0441-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/19/2024 10:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 06/21/2024 16:44

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0441-03 A

Preparation Batch: BMF0532 — Sample Size: 20.0326 g (wet)

Prepared: 06/20/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.52	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2024 12:52

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMF0638 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMF0638-BLK1)				Prepared: 25-Jun-2024 Analyzed: 26-Jun-2024 17:39							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BMF0638-DUP1)		**Source: 24F0441-01**		Prepared: 25-Jun-2024 Analyzed: 26-Jun-2024 17:54							
Arsenic	0.191	0.0140	0.250	mg/L		0.197			3.09	20	J
Lead	ND	0.0065	0.100	mg/L		ND					U
Matrix Spike (BMF0638-MS1)		**Source: 24F0441-01**		Prepared: 25-Jun-2024 Analyzed: 26-Jun-2024 17:57							
Arsenic	4.62	0.0140	0.250	mg/L	4.00	0.197	110	75-125			
Lead	4.09	0.0065	0.100	mg/L	4.00	ND	102	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2024 12:52

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMF0532-BS1)				Prepared: 20-Jun-2024 Analyzed: 21-Jun-2024 16:44							
pH	6.97	0.01	0.01	pH Units	7.00		99.6	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	28-Jun-2024 12:52

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	28-Jun-2024 12:52

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

03 July 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24F0553	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.07.03 08:18:19 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24F0553	Turn-around Requested: 3 Day	Date: 6/25/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 32.5
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-367A-062424	06/24/24	12:00	Soil	1	✔	✔	
SO-TC-367B-062424	06/24/24	12:15	Soil	1	✔	✔	
SO-TC-367C-062424	06/24/24	12:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Matthew Parr	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/25/2024 16:20	Date & Time: 06/25/24 1620	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:17

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-367A-062424	24F0553-01	Solid	24-Jun-2024 12:00	25-Jun-2024 16:20
SO-TC-367B-062424	24F0553-02	Solid	24-Jun-2024 12:15	25-Jun-2024 16:20
SO-TC-367C-062424	24F0553-03	Solid	24-Jun-2024 12:30	25-Jun-2024 16:20

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:17

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24F0553

Sample receipt

The sample(s) as listed on the preceding page were received 25-Jun-2024 16:20 under ARI work order 24F0553. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) was within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

WORK ORDER

24F0553

Samples will be discarded 90 days after submission of a final report unless other instructions are received

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Phillip Bates

Project: Superlon Plastics **Project Number:** SLON

Report To:	Invoice To:
PERC-Pacific Environmental and Redevelopment Corp	PERC-Pacific Environmental and Redevelopment Corp
Kenny King	Jeffrey King
8424 E Meadow Lake Drive	8424 E Meadow Lake Drive
Snohomish, WA 98290	Snohomish, WA 98290
Phone: (425) 346-0921	Phone :(425) 238-2212
Fax:	Fax:

Date Due: 01-Jul-2024 18:00 (3 day TAT)

Received By: Matthew Daniel Date Received: 25-Jun-2024 16:20

Logged In By: Sarah Ginn Date Logged In: 25-Jun-2024 16:37

Samples Received at 32.3°C

Intact, properly signed and dated custody seals attached to outside of cooler(s)	No	Custody papers included with the cooler	Yes
Custody papers properly filled out (ink, signed, analyses requested, etc)	Yes	Was a temperature blank included in the cooler	No
Was sufficient ice used (if appropriate)	No	All bottles sealed in individual plastic bags	No
All bottles arrived in good condition (unbroken)	Yes	All bottle labels complete and legible	Yes
Number of containers listed on COC match number received	Yes	Bottle labels and tags agree with COC	Yes
Correct bottles used for the requested analyses	Yes	All VOC vials free of air bubbles	No
Analyses/bottles require preservation (attach preservation sheet excluding VOC)	No	Sufficient amount of sample sent in each bottle	Yes
Sample split at ARI	No		

Analysis	Due	TAT	Expires	Comments

WORK ORDER

24F0553

Samples will be discarded 90 days after submission of a final report unless other instructions are received

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Phillip Bates

Project: Superlon Plastics **Project Number:** SLON

Analysis	Due	TAT	Expires	Comments
24F0553-01 SO-TC-367A-062424 [Solid] Sampled 24-Jun-2024 12:00 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	01-Jul-2024 15:00	3	08-Jul-2024 23:59	
TCLP 1311	01-Jul-2024 15:00	3	22-Jul-2024 23:59	
TCLP 6010D - As	01-Jul-2024 15:00	3	21-Dec-2024 23:59	
TCLP 6010D - Pb	01-Jul-2024 15:00	3	21-Dec-2024 23:59	
24F0553-02 SO-TC-367B-062424 [Solid] Sampled 24-Jun-2024 12:15 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	01-Jul-2024 15:00	3	08-Jul-2024 23:59	
TCLP 1311	01-Jul-2024 15:00	3	22-Jul-2024 23:59	
TCLP 6010D - As	01-Jul-2024 15:00	3	21-Dec-2024 23:59	
TCLP 6010D - Pb	01-Jul-2024 15:00	3	21-Dec-2024 23:59	
24F0553-03 SO-TC-367C-062424 [Solid] Sampled 24-Jun-2024 12:30 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	01-Jul-2024 15:00	3	08-Jul-2024 23:59	
TCLP 1311	01-Jul-2024 15:00	3	22-Jul-2024 23:59	
TCLP 6010D - As	01-Jul-2024 15:00	3	21-Dec-2024 23:59	
TCLP 6010D - Pb	01-Jul-2024 15:00	3	21-Dec-2024 23:59	

Reviewed By Date

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24F0553

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 3.2°C

Time 1620

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: T009708

Cooler Accepted by: MD Date: 06/25/24 Time: 1620

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?	YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	
How were bottles sealed in plastic bags?	Individually	Grouped
Did all bottles arrive in good condition (unbroken)?	YES	NO
Were all bottle labels complete and legible?	YES	NO
Did the number of containers listed on COC match with the number of containers received?	YES	NO
Did all bottle labels and tags agree with custody papers?	YES	NO
Were all bottles used correct for the requested analyses?	YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	
Were all VOC vials free of air bubbles?	NA	YES NO
Was sufficient amount of sample sent in each bottle?	YES	NO
Date VOC Trip Blank was made at ARI	NA	
Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:		

Samples Logged by: Date: 6/25/24 Time: 16:37 Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24F0553

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type
Sample temp over 6°C at time of arrival (32.3°C)		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 6/25/24 Time: 16:20

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:17

SO-TC-367A-062424

24F0553-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/24/2024 12:00
Instrument: ICP3 Analyst: SH — Analyzed: 06/29/2024 17:38

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0553-01 A 01
Preparation Batch: BMF0711 — Sample Size: 25 mL (wet)
Prepared: 06/27/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0705	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.142	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:17

SO-TC-367A-062424

24F0553-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/24/2024 12:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/01/2024 17:15

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0553-01 A

Preparation Batch: BMF0723 — Sample Size: 20.0912 g (wet)

Prepared: 06/27/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.15	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:17

SO-TC-367B-062424

24F0553-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/24/2024 12:15

Instrument: ICP3 Analyst: SH — Analyzed: 06/29/2024 17:25

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0553-02 A 01

Preparation Batch: BMF0711 — Sample Size: 25 mL (wet)

Prepared: 06/27/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0825	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0675	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:17

SO-TC-367B-062424

24F0553-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/24/2024 12:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/01/2024 17:15

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0553-02 A

Preparation Batch: BMF0723 — Sample Size: 20.4572 g (wet)

Prepared: 06/27/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.22	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:17

SO-TC-367C-062424

24F0553-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/24/2024 12:30

Instrument: ICP3 Analyst: SH — Analyzed: 06/29/2024 17:29

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0553-03 A 01

Preparation Batch: BMF0711 — Sample Size: 25 mL (wet)

Prepared: 06/27/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0695	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	5.09	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:17

SO-TC-367C-062424

24F0553-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/24/2024 12:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/01/2024 17:15

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0553-03 A

Preparation Batch: BMF0723 — Sample Size: 20.7401 g (wet)

Prepared: 06/27/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.23	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:17

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMF0711 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMF0711-BLK1)				Prepared: 27-Jun-2024 Analyzed: 29-Jun-2024 17:19							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0195	0.0065	0.100	mg/L							J
Duplicate (BMF0711-DUP1)		**Source: 24F0553-01**		Prepared: 27-Jun-2024 Analyzed: 29-Jun-2024 17:41							
Arsenic	0.0685	0.0140	0.250	mg/L		0.0705			2.88	20	J
Lead	0.141	0.0065	0.100	mg/L		0.142			0.71	20	
Matrix Spike (BMF0711-MS1)		**Source: 24F0553-01**		Prepared: 27-Jun-2024 Analyzed: 29-Jun-2024 17:44							
Arsenic	4.33	0.0140	0.250	mg/L	4.00	0.0705	106	75-125			
Lead	4.03	0.0065	0.100	mg/L	4.00	0.142	97.2	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:17

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BMF0723 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMF0723-BS1)				Prepared: 27-Jun-2024 Analyzed: 01-Jul-2024 17:15							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BMF0723-DUP1)		**Source: 24F0553-01**		Prepared: 27-Jun-2024 Analyzed: 01-Jul-2024 17:15							
pH	9.18	0.01	0.01	pH Units		9.15			0.33	20	

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	03-Jul-2024 08:17

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:17

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

03 July 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24F0554	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.07.03 08:21:34 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24F0554	Turn-around Requested: 3 Day	Date: 6/25/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 32.5
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C	Analysis Requested						Notes/Comments
SO-TC-368A-062524	06/25/24	09:30	Soil	1	✔	✔							
SO-TC-368B-062524	06/25/24	09:45	Soil	1	✔	✔							
SO-TC-368C-062524	06/25/24	10:00	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name:	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 6/25/2024 16:20	Date & Time: 06/25/24 1620	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-368A-062524	24F0554-01	Solid	25-Jun-2024 09:30	25-Jun-2024 16:20
SO-TC-368B-062524	24F0554-02	Solid	25-Jun-2024 09:45	25-Jun-2024 16:20
SO-TC-368C-062524	24F0554-03	Solid	25-Jun-2024 10:00	25-Jun-2024 16:20

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:20

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24F0554

Sample receipt

The sample(s) as listed on the preceding page were received 25-Jun-2024 16:20 under ARI work order 24F0554. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Printed: 6/25/2024 5:06:01PM

WORK ORDER

24F0554

Samples will be discarded 90 days after submission of a final report unless other instructions are received

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Phillip Bates

Project: Superlon Plastics **Project Number:** SLON

Report To:	Invoice To:
PERC-Pacific Environmental and Redevelopment Corp	PERC-Pacific Environmental and Redevelopment Corp
Kenny King	Jeffrey King
8424 E Meadow Lake Drive	8424 E Meadow Lake Drive
Snohomish, WA 98290	Snohomish, WA 98290
Phone: (425) 346-0921	Phone :(425) 238-2212
Fax:	Fax:

Date Due: 01-Jul-2024 18:00 (3 day TAT)

Received By: Matthew Daniel Date Received: 25-Jun-2024 16:20

Logged In By: Sarah Ginn Date Logged In: 25-Jun-2024 16:51

Samples Received at 32.3°C

Intact, properly signed and dated custody seals attached to outside of cooler(s)	No	Custody papers included with the cooler	Yes
Custody papers properly filled out(ink, signed, analyses requested, etc)	Yes	Was a temperature blank included in the cooler	No
Was sufficient ice used (if appropriate)	No	All bottles sealed in individual plastic bags	No
All bottles arrived in good condition(unbroken)	Yes	All bottle labels complete and legible	Yes
Number of containers listed on COC match number received	Yes	Bottle labels and tags agree with COC	Yes
Correct bottles used for the requested analyses	Yes	All VOC vials free of air bubbles	No
Analyses/bottles require preservation (attach preservation sheet excluding VOC)	No	Sufficient amount of sample sent in each bottle	Yes
Sample split at ARI	No		

Analysis	Due	TAT	Expires	Comments

WORK ORDER

24F0554

Samples will be discarded 90 days after submission of a final report unless other instructions are received

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Phillip Bates

Project: Superlon Plastics **Project Number:** SLON

Analysis	Due	TAT	Expires	Comments
24F0554-01 SO-TC-368A-062524 [Solid] Sampled 25-Jun-2024 09:30 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	01-Jul-2024 15:00	3	09-Jul-2024 23:59	
TCLP 1311	01-Jul-2024 15:00	3	23-Jul-2024 23:59	
TCLP 6010D - As	01-Jul-2024 15:00	3	22-Dec-2024 23:59	
TCLP 6010D - Pb	01-Jul-2024 15:00	3	22-Dec-2024 23:59	
24F0554-02 SO-TC-368B-062524 [Solid] Sampled 25-Jun-2024 09:45 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	01-Jul-2024 15:00	3	09-Jul-2024 23:59	
TCLP 1311	01-Jul-2024 15:00	3	23-Jul-2024 23:59	
TCLP 6010D - As	01-Jul-2024 15:00	3	22-Dec-2024 23:59	
TCLP 6010D - Pb	01-Jul-2024 15:00	3	22-Dec-2024 23:59	
24F0554-03 SO-TC-368C-062524 [Solid] Sampled 25-Jun-2024 10:00 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	01-Jul-2024 15:00	3	09-Jul-2024 23:59	
TCLP 1311	01-Jul-2024 15:00	3	23-Jul-2024 23:59	
TCLP 6010D - As	01-Jul-2024 15:00	3	22-Dec-2024 23:59	
TCLP 6010D - Pb	01-Jul-2024 15:00	3	22-Dec-2024 23:59	

Reviewed By

Date

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superior Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24F0554

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 3.2°C

Time 1620

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: IR00970S

Cooler Accepted by: MD Date: 06/25/24 Time: 1620

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 10/25/24 Time: 16:51 Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24F0554

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type
Sample temps over 6°C at time of arrival (32.3°C)		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 6/25/24 Time: 16:20

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:20

SO-TC-368A-062524

24F0554-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/25/2024 09:30

Instrument: ICP3 Analyst: SH — Analyzed: 06/29/2024 17:32

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0554-01 A 01

Preparation Batch: BMF0711 — Sample Size: 25 mL (wet)

Prepared: 06/27/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.405	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.409	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:20

SO-TC-368A-062524

24F0554-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/25/2024 09:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/01/2024 17:15

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0554-01 A

Preparation Batch: BMF0723 — Sample Size: 20.8183 g (wet)

Prepared: 06/27/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.06	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:20

SO-TC-368B-062524

24F0554-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/25/2024 09:45

Instrument: ICP3 Analyst: SH — Analyzed: 06/29/2024 17:35

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0554-02 A 01

Preparation Batch: BMF0711 — Sample Size: 25 mL (wet)

Prepared: 06/27/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.393	mg/L	
Lead	7439-92-1	5	0.0065	0.100	1.06	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:20

SO-TC-368B-062524

24F0554-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/25/2024 09:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/01/2024 17:15

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0554-02 A

Preparation Batch: BMF0723 — Sample Size: 20.4572 g (wet)

Prepared: 06/27/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.91	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:20

SO-TC-368C-062524

24F0554-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/25/2024 10:00

Instrument: ICP3 Analyst: SH — Analyzed: 06/29/2024 18:06

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0554-03 A 01

Preparation Batch: BMF0711 — Sample Size: 25 mL (wet)

Prepared: 06/27/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.519	mg/L	
Lead	7439-92-1	5	0.0065	0.100	2.41	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:20

SO-TC-368C-062524

24F0554-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/25/2024 10:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/01/2024 17:15

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0554-03 A

Preparation Batch: BMF0723 — Sample Size: 20.3271 g (wet)

Prepared: 06/27/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.77	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:20

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMF0711 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMF0711-BLK1)					Prepared: 27-Jun-2024 Analyzed: 29-Jun-2024 17:19						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	0.0195	0.0065	0.100	mg/L							J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:20

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMF0723-BS1)				Prepared: 27-Jun-2024 Analyzed: 01-Jul-2024 17:15							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:20

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	03-Jul-2024 08:20

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

03 July 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24F0562	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.07.03 08:27:25 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

24F0562

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number:	Turn-around Requested: 3 Day	Date: 6/26/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-369A-062624	06/26/24	09:15	Soil	1	✔	✔							
SO-TC-369B-062624	06/26/24	09:30	Soil	1	✔	✔							
SO-TC-369C-062624	06/26/24	09:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Jeff King	Printed Name: Savannah Wright	Printed Name:	Printed Name:
	Company: PERC	Company: Ari	Company:	Company:
	Date & Time: 6/26/24 11:30	Date & Time: 6/26/24 11:38	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:26

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-369A-062624	24F0562-01	Solid	26-Jun-2024 09:15	26-Jun-2024 11:38
SO-TC-369B-062624	24F0562-02	Solid	26-Jun-2024 09:30	26-Jun-2024 11:38
SO-TC-369C-062624	24F0562-03	Solid	26-Jun-2024 09:45	26-Jun-2024 11:38

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:26

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24F0562

Sample receipt

Sample(s) as listed on the preceding page were received 26-Jun-2024 11:38 under ARI work order 24F0562. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other:
Assigned ARI Job No: 24F0562
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)
Were custody papers included with the cooler? (YES) NO
Were custody papers properly filled out (ink, signed, etc.) (YES) NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 2.3
Time: 11:38
If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: 9708
Cooler Accepted by: JW Date: 6/26/24 Time: 11:38

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)
What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs (Baggies) Foam Block Paper Other:
Was sufficient ice used (if appropriate)? NA YES (NO)
How were bottles sealed in plastic bags? Individually (Grouped) Not
Did all bottles arrive in good condition (unbroken)? (YES) NO
Were all bottle labels complete and legible? (YES) NO
Did the number of containers listed on COC match with the number of containers received? (YES) NO
Did all bottle labels and tags agree with custody papers? (YES) NO
Were all bottles used correct for the requested analyses? (YES) NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES (NO)
Were all VOC vials free of air bubbles? (NA) YES NO
Was sufficient amount of sample sent in each bottle? (YES) NO
Date VOC Trip Blank was made at ARI (NA)
Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: JW Date: 6/26/24 Time: 11:43 Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:26

SO-TC-369A-062624

24F0562-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/26/2024 09:15

Instrument: ICP3 Analyst: SH — Analyzed: 06/29/2024 18:18

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0562-01 A 01

Preparation Batch: BMF0747 — Sample Size: 25 mL (wet)

Prepared: 06/28/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.314	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.248	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:26

SO-TC-369A-062624

24F0562-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/26/2024 09:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/01/2024 17:15

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0562-01 A

Preparation Batch: BMF0723 — Sample Size: 20.5474 g (wet)

Prepared: 06/27/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.98	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:26

SO-TC-369B-062624

24F0562-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/26/2024 09:30

Instrument: ICP3 Analyst: SH — Analyzed: 06/29/2024 18:09

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0562-02 A 01

Preparation Batch: BMF0747 — Sample Size: 25 mL (wet)

Prepared: 06/28/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.436	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.257	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:26

SO-TC-369B-062624

24F0562-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/26/2024 09:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/01/2024 17:15

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0562-02 A

Preparation Batch: BMF0723 — Sample Size: 20.2187 g (wet)

Prepared: 06/27/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.13	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:26

SO-TC-369C-062624

24F0562-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 06/26/2024 09:45

Instrument: ICP3 Analyst: SH — Analyzed: 06/29/2024 18:12

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24F0562-03 A 01

Preparation Batch: BMF0747 — Sample Size: 25 mL (wet)

Prepared: 06/28/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.679	mg/L	
Lead	7439-92-1	5	0.0065	0.100	1.39	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:26

SO-TC-369C-062624

24F0562-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 06/26/2024 09:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/01/2024 17:15

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24F0562-03 A

Preparation Batch: BMF0723 — Sample Size: 20.7335 g (wet)

Prepared: 06/27/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.14	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:26

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMF0747 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMF0747-BLK1)				Prepared: 28-Jun-2024 Analyzed: 29-Jun-2024 17:22							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BMF0747-DUP1)		**Source: 24F0562-01**		Prepared: 28-Jun-2024 Analyzed: 29-Jun-2024 18:21							
Arsenic	0.308	0.0140	0.250	mg/L		0.314			1.93	20	
Lead	0.250	0.0065	0.100	mg/L		0.248			1.01	20	
Matrix Spike (BMF0747-MS1)		**Source: 24F0562-01**		Prepared: 28-Jun-2024 Analyzed: 29-Jun-2024 18:24							
Arsenic	4.56	0.0140	0.250	mg/L	4.00	0.314	106	75-125			
Lead	4.14	0.0065	0.100	mg/L	4.00	0.248	97.4	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:26

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMF0723-BS1)				Prepared: 27-Jun-2024 Analyzed: 01-Jul-2024 17:15							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	03-Jul-2024 08:26

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	03-Jul-2024 08:26

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

11 July 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24G0026	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.07.11 10:20:47 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24G0026	Turn-around Requested: 3 Day	Date: 7/1/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-370A-070124	07/01/24	14:00	Soil	1	✔	✔							
SO-TC-370B-070124	07/01/24	14:15	Soil	1	✔	✔							
SO-TC-370C-070124	07/01/24	14:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Sarah Conn	Printed Name:	Printed Name:
	Company: PERC	Company: ARLLC	Company:	Company:
	Date & Time: 7/1/2024 16:00	Date & Time: 7/1/24 16:00	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-370A-070124	24G0026-01	Solid	01-Jul-2024 14:00	01-Jul-2024 16:00
SO-TC-370B-070124	24G0026-02	Solid	01-Jul-2024 14:15	01-Jul-2024 16:00
SO-TC-370C-070124	24G0026-03	Solid	01-Jul-2024 14:30	01-Jul-2024 16:00

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24G0026

Sample receipt

The sample(s) as listed on the preceding page were received 01-Jul-2024 16:00 under ARI work order 24G0026. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) was within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24G0026

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time	12:00	29.1					

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 9708

Cooler Accepted by: Date: 7/1/24 Time: 16:00

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI.	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: SA Date: 7/1/24 Time: 1610 Labels checked by: SA

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24G0026

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Samples temp Over 6°C at time of arrival (29.1°C)

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 7/1/24 Time: 16:00

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

SO-TC-370A-070124

24G0026-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/01/2024 14:00

Instrument: ICP3 Analyst: SH — Analyzed: 07/08/2024 21:11

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0026-01 A 02

Preparation Batch: BMG0093 — Sample Size: 25 mL (wet)

Prepared: 07/03/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.361	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.331	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

SO-TC-370A-070124

24G0026-01RE1 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/01/2024 14:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/08/2024 13:46

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0026-01RE1 A

Preparation Batch: BMG0121 — Sample Size: 20.7314 g (wet)

Prepared: 07/05/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.12	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

SO-TC-370B-070124

24G0026-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/01/2024 14:15

Instrument: ICP3 Analyst: SH — Analyzed: 07/08/2024 21:04

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0026-02 A 02

Preparation Batch: BMG0093 — Sample Size: 25 mL (wet)

Prepared: 07/03/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.209	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.421	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

SO-TC-370B-070124

24G0026-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/01/2024 14:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/08/2024 13:46

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0026-02 A

Preparation Batch: BMG0121 — Sample Size: 20.0586 g (wet)

Prepared: 07/05/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.36	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

SO-TC-370C-070124

24G0026-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/01/2024 14:30

Instrument: ICP3 Analyst: SH — Analyzed: 07/08/2024 21:08

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0026-03 A 02

Preparation Batch: BMG0093 — Sample Size: 25 mL (wet)

Prepared: 07/03/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.249	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	1.81	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

SO-TC-370C-070124

24G0026-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/01/2024 14:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/08/2024 13:46

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0026-03 A

Preparation Batch: BMG0121 — Sample Size: 20.3794 g (wet)

Prepared: 07/05/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.46	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMG0093 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMG0093-BLK1)				Prepared: 03-Jul-2024 Analyzed: 08-Jul-2024 20:58							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BMG0093-DUP1)		**Source: 24G0026-01**		Prepared: 03-Jul-2024 Analyzed: 08-Jul-2024 21:14							
Arsenic	0.355	0.0140	0.250	mg/L		0.361			1.82	20	
Lead	0.324	0.0065	0.100	mg/L		0.331			1.99	20	
Matrix Spike (BMG0093-MS1)		**Source: 24G0026-01**		Prepared: 03-Jul-2024 Analyzed: 08-Jul-2024 21:18							
Arsenic	4.54	0.0140	0.250	mg/L	4.00	0.361	104	75-125			
Lead	4.10	0.0065	0.100	mg/L	4.00	0.331	94.3	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BMG0121 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMG0121-BS1)				Prepared: 05-Jul-2024 Analyzed: 08-Jul-2024 13:46							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			
Duplicate (BMG0121-DUP1)		**Source: 24G0026-01**		Prepared: 05-Jul-2024 Analyzed: 08-Jul-2024 13:46							
pH	8.32	0.01	0.01	pH Units		7.93			4.80	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:19

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

11 July 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24G0069	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.07.11 10:23:54 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24G0069	Turn-around Requested: 3 Day	Date: 7/2/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-371A-070224	07/02/24	13:30	Soil	1	✔	✔							
SO-TC-371B-070224	07/02/24	13:45	Soil	1	✔	✔							
SO-TC-371C-070224	07/02/24	14:00	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time
	Kenny King	Kenny King	PERC	7/2/2024 16:12		Matthew Romo	ARLLC	07/02/24 KIR								

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-371A-070224	24G0069-01	Solid	02-Jul-2024 13:30	02-Jul-2024 16:12
SO-TC-371B-070224	24G0069-02	Solid	02-Jul-2024 13:45	02-Jul-2024 16:12
SO-TC-371C-070224	24G0069-03	Solid	02-Jul-2024 14:00	02-Jul-2024 16:12

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24G0069

Sample receipt

The sample(s) as listed on the preceding page were received 02-Jul-2024 16:12 under ARI work order 24G0069. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

WORK ORDER

24G0069

Samples will be discarded 90 days after submission of a final report unless other instructions are received.

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Phillip Bates

Project: Superlon Plastics **Project Number:** SLON

Report To:
PERC-Pacific Environmental and Redevelopment Corp
Kenny King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone: (425) 346-0921
Fax:

Invoice To:
PERC-Pacific Environmental and Redevelopment Corp
Jeffrey King
8424 E Meadow Lake Drive
Snohomish, WA 98290
Phone :(425) 238-2212
Fax:

Date Due: 09-Jul-2024 18:00 (3 day TAT)

Received By: Matthew Daniel Date Received: 02-Jul-2024 16:12

Logged In By: Robert Leesemann Date Logged In: 03-Jul-2024 08:03

Samples Received at: 26.3°C

Intact, properly signed and dated custody seals attached to outside of cooler(s)	No	Custody papers included with the cooler	Yes
Custody papers properly filled out (ink, signed, analyses requested, etc)	Yes	Was a temperature blank included in the cooler	No
Was sufficient ice used (if appropriate)	No	All bottles sealed in individual plastic bags	Yes
All bottles arrived in good condition (unbroken)	Yes	All bottle labels complete and legible	Yes
Number of containers listed on COC match number received	Yes	Bottle labels and tags agree with COC	Yes
Correct bottles used for the requested analyses	Yes	All VOC vials free of air bubbles	No
Analyses/bottles require preservation (attach preservation sheet excluding VOC)	No	Sufficient amount of sample sent in each bottle	Yes
Sample split at ARI	No		

Analysis	Due	TAT	Expires	Comments

WORK ORDER

24G0069

Samples will be discarded 90 days after submission of a final report unless other instructions are received.

Client: PERC-Pacific Environmental and Redevelopment **Project Manager:** Phillip Bates

Project: Superion Plastics **Project Number:** SLON

Analysis	Due	TAT	Expires	Comments
24G0069-01 SO-TC-371A-070224 [Solid] Sampled 02-Jul-2024 13:30 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	09-Jul-2024 15:00	3	16-Jul-2024 23:59	
TCLP 1311	09-Jul-2024 15:00	3	30-Jul-2024 23:59	
TCLP 6010D - As	09-Jul-2024 15:00	3	29-Dec-2024 23:59	
TCLP 6010D - Pb	09-Jul-2024 15:00	3	29-Dec-2024 23:59	
24G0069-02 SO-TC-371B-070224 [Solid] Sampled 02-Jul-2024 13:45 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	09-Jul-2024 15:00	3	16-Jul-2024 23:59	
TCLP 1311	09-Jul-2024 15:00	3	30-Jul-2024 23:59	
TCLP 6010D - As	09-Jul-2024 15:00	3	29-Dec-2024 23:59	
TCLP 6010D - Pb	09-Jul-2024 15:00	3	29-Dec-2024 23:59	
24G0069-03 SO-TC-371C-070224 [Solid] Sampled 02-Jul-2024 14:00 (GMT-08:00) Pacific Time (US & Canada)				
A = Glass WM, Clear, 8 oz				
pH, EPA 9045D, Solid	09-Jul-2024 15:00	3	16-Jul-2024 23:59	
TCLP 1311	09-Jul-2024 15:00	3	30-Jul-2024 23:59	
TCLP 6010D - As	09-Jul-2024 15:00	3	29-Dec-2024 23:59	
TCLP 6010D - Pb	09-Jul-2024 15:00	3	29-Dec-2024 23:59	

Reviewed By

Date

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24G0069

Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1612 — 26.3°C

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 509708

Cooler Accepted by: MD Date: 07/02/24 Time: 1612

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: RL Date: 7-3-24 Time: 07:54 Labels checked by:

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24G0069

Cooler#: 1 **Temperature(°C):** 26.3ac

Sample ID	Bottle Count	Bottle Type
Samples received above 6.0°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: MD Date: 07/02/24 Time: 1612

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

SO-TC-371A-070224

24G0069-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/02/2024 13:30
Instrument: ICP3 Analyst: SH — Analyzed: 07/09/2024 18:43

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0069-01 A 02
Preparation Batch: BMG0141 — Sample Size: 25 mL (wet)
Prepared: 07/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.162	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

SO-TC-371A-070224

24G0069-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/02/2024 13:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/08/2024 13:46

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0069-01 A

Preparation Batch: BMG0121 — Sample Size: 20.4999 g (wet)

Prepared: 07/05/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.18	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

SO-TC-371B-070224

24G0069-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/02/2024 13:45

Instrument: ICP3 Analyst: SH — Analyzed: 07/09/2024 18:46

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0069-02 A 02

Preparation Batch: BMG0141 — Sample Size: 25 mL (wet)

Prepared: 07/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0880	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

SO-TC-371B-070224

24G0069-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/02/2024 13:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/08/2024 13:46

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0069-02 A

Preparation Batch: BMG0121 — Sample Size: 20.1462 g (wet)

Prepared: 07/05/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.10	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

SO-TC-371C-070224

24G0069-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/02/2024 14:00

Instrument: ICP3 Analyst: SH — Analyzed: 07/09/2024 18:49

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0069-03 A 02

Preparation Batch: BMG0141 — Sample Size: 25 mL (wet)

Prepared: 07/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0875	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.127	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

SO-TC-371C-070224

24G0069-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/02/2024 14:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/08/2024 13:46

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0069-03 A

Preparation Batch: BMG0121 — Sample Size: 20.05 g (wet)

Prepared: 07/05/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.34	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMG0141 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMG0141-BLK1)	Prepared: 06-Jul-2024 Analyzed: 09-Jul-2024 18:40										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMG0121-BS1)				Prepared: 05-Jul-2024 Analyzed: 08-Jul-2024 13:46							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:22

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

11 July 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24G0095	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2024.07.11 10:29:03 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24G0095	Turn-around Requested: 3 Day	Date: 7/3/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb only	pH 9045C							Notes/Comments
SO-TC-372A-070324	07/03/24	11:15	Soil	1	✔	✔							
SO-TC-372B-070324	07/03/24	11:30	Soil	1	✔	✔							
SO-TC-372C-070324	07/03/24	11:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: R Leesemann	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/3/2024 13:09	Date & Time: 7-3-24 13:09	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-372A-070324	24G0095-01	Solid	03-Jul-2024 11:15	03-Jul-2024 13:09
SO-TC-372B-070324	24G0095-02	Solid	03-Jul-2024 11:30	03-Jul-2024 13:09
SO-TC-372C-070324	24G0095-03	Solid	03-Jul-2024 11:45	03-Jul-2024 13:09

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24G0095

Sample receipt

The sample(s) as listed on the preceding page were received 03-Jul-2024 13:09 under ARI work order 24G0095. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24G0095 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 13:09 RL 26.0

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 100970

Cooler Accepted by: RL Date: 7-3-24 Time: 13:09

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: SA Date: 7/3/24 Time: 1347 Labels checked by: SA

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24G0095

Cooler#: _____ **Temperature(°C):** 26.0

Sample ID	Bottle Count	Bottle Type
samples received over 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: RL Date: 7-3-24 Time: 13:09

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

SO-TC-372A-070324

24G0095-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/03/2024 11:15
Instrument: ICP3 Analyst: SH — Analyzed: 07/09/2024 18:55

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0095-01 A 02
Preparation Batch: BMG0141 — Sample Size: 25 mL (wet)
Prepared: 07/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.208	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0115	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

SO-TC-372A-070324

24G0095-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/03/2024 11:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/08/2024 13:46

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0095-01 A

Preparation Batch: BMG0121 — Sample Size: 20.9731 g (wet)

Prepared: 07/05/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.04	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

SO-TC-372B-070324

24G0095-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/03/2024 11:30

Instrument: ICP3 Analyst: SH — Analyzed: 07/09/2024 18:58

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0095-02 A 02

Preparation Batch: BMG0141 — Sample Size: 25 mL (wet)

Prepared: 07/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.167	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0355	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

SO-TC-372B-070324

24G0095-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/03/2024 11:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/08/2024 13:46

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0095-02 A

Preparation Batch: BMG0121 — Sample Size: 20.5351 g (wet)

Prepared: 07/05/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.01	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

SO-TC-372C-070324

24G0095-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/03/2024 11:45

Instrument: ICP3 Analyst: SH — Analyzed: 07/09/2024 19:01

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0095-03 A 02

Preparation Batch: BMG0141 — Sample Size: 25 mL (wet)

Prepared: 07/06/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	1.35	mg/L	
Lead	7439-92-1	5	0.0065	0.100	5.24	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

SO-TC-372C-070324

24G0095-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/03/2024 11:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/08/2024 13:46

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0095-03 A

Preparation Batch: BMG0121 — Sample Size: 20.8266 g (wet)

Prepared: 07/05/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	7.93	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMG0141 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMG0141-BLK1)	Prepared: 06-Jul-2024 Analyzed: 09-Jul-2024 18:40										
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMG0121-BS1)				Prepared: 05-Jul-2024 Analyzed: 08-Jul-2024 13:46							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	11-Jul-2024 10:28

Notes and Definitions

J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

16 July 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24G0158	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.07.16 09:03:07 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24G0158	Turn-around Requested: 3 Day	Date: 7/8/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-373A-070824	07/08/24	14:15	Soil	1	✔	✔	
SO-TC-373B-070824	07/08/24	14:30	Soil	1	✔	✔	
SO-TC-373C-070824	07/08/24	14:45	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:	Relinquished by: (Signature)	Printed Name:	Company:	Date & Time:	Received by: (Signature)	Printed Name:	Company:	Date & Time:
	Kenny King	Kenny King	PERC	7/8/2024 15:55		Sarah Ginn	ARLLC	7/8/24 15:55								

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-373A-070824	24G0158-01	Solid	08-Jul-2024 14:15	08-Jul-2024 15:55
SO-TC-373B-070824	24G0158-02	Solid	08-Jul-2024 14:30	08-Jul-2024 15:55
SO-TC-373C-070824	24G0158-03	Solid	08-Jul-2024 14:45	08-Jul-2024 15:55

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24G0158

Sample receipt

The sample(s) as listed on the preceding page were received 08-Jul-2024 15:55 under ARI work order 24G0158. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) was within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superior Plastics

COC No(s): _____ NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 24G0158 Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 3.1.3

Time 15:55

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: _____

Cooler Accepted by: _____ Date: 7/8/24 Time: 15:55

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:			
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: PIB for SG Date: 07/08/24 Time: 16:06 Labels checked by: _____

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24G0158

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type
Sample temp over 6°C at time of arrival (34.3°C)		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 7/8/24 Time: 15:55

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

SO-TC-373A-070824

24G0158-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/08/2024 14:15

Instrument: ICP3 Analyst: SH — Analyzed: 07/11/2024 20:00

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0158-01 A 01

Preparation Batch: BMG0222 — Sample Size: 25 mL (wet)

Prepared: 07/10/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.110	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

SO-TC-373A-070824

24G0158-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/08/2024 14:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/11/2024 18:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0158-01 A

Preparation Batch: BMG0278 — Sample Size: 20.409 g (wet)

Prepared: 07/11/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.86	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

SO-TC-373B-070824

24G0158-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/08/2024 14:30

Instrument: ICP3 Analyst: SH — Analyzed: 07/11/2024 20:03

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0158-02 A 01

Preparation Batch: BMG0222 — Sample Size: 25 mL (wet)

Prepared: 07/10/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.303	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0250	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

SO-TC-373B-070824

24G0158-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/08/2024 14:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/11/2024 18:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0158-02 A

Preparation Batch: BMG0278 — Sample Size: 20.7656 g (wet)

Prepared: 07/11/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.02	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

SO-TC-373C-070824

24G0158-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/08/2024 14:45

Instrument: ICP3 Analyst: SH — Analyzed: 07/11/2024 20:06

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0158-03 A 01

Preparation Batch: BMG0222 — Sample Size: 25 mL (wet)

Prepared: 07/10/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.297	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0150	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

SO-TC-373C-070824

24G0158-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/08/2024 14:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/11/2024 18:00

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0158-03 A

Preparation Batch: BMG0278 — Sample Size: 20.5922 g (wet)

Prepared: 07/11/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.88	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMG0222 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMG0222-BLK1)					Prepared: 10-Jul-2024 Analyzed: 11-Jul-2024 19:30						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BMG0278 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMG0278-BS1)				Prepared: 11-Jul-2024 Analyzed: 11-Jul-2024 18:00							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			
Duplicate (BMG0278-DUP1)		**Source: 24G0158-01**		Prepared: 11-Jul-2024 Analyzed: 11-Jul-2024 18:00							
pH	8.84	0.01	0.01	pH Units		8.86			0.23	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	16-Jul-2024 08:58

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
L	Analyte concentration is <=5 times the reporting limit and the replicate control limit defaults to +/- RL instead of 20% RPD
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

18 July 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24G0243	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.07.18 08:39:34 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24G0243	Turn-around Requested: 3 Day	Date: 7/11/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-374A-071124	07/11/24	14:15	Soil	1	✔	✔							
SO-TC-374B-071124	07/11/24	14:30	Soil	1	✔	✔							
SO-TC-374C-071124	07/11/24	14:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Sylvia Acevedo	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/11/2024 16:06	Date & Time: 7/11/24 1606	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-374A-071124	24G0243-01	Solid	11-Jul-2024 14:15	11-Jul-2024 16:06
SO-TC-374B-071124	24G0243-02	Solid	11-Jul-2024 14:30	11-Jul-2024 16:06
SO-TC-374C-071124	24G0243-03	Solid	11-Jul-2024 14:45	11-Jul-2024 16:06

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24G0243

Sample receipt

The sample(s) as listed on the preceding page were received 11-Jul-2024 16:06 under ARI work order 24G0243. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) was within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: 24G0243

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1606 — 32.1

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 8117

Cooler Accepted by: SA Date: 7/11/24 Time: 1606

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	(NO)
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: SA Date: 7/11/24 Time: 1614 Labels checked by: SA

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24G0243

Cooler#: _____ **Temperature(°C):** 3.2.1

Sample ID	Bottle Count	Bottle Type
Samples received above 0°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: SA Date: 7/11/24 Time: 1606

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

SO-TC-374A-071124

24G0243-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/11/2024 14:15

Instrument: ICP3 Analyst: SH — Analyzed: 07/16/2024 19:41

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0243-01 A 02

Preparation Batch: BMG0334 — Sample Size: 25 mL (wet)

Prepared: 07/13/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0555	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	16.3	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

SO-TC-374A-071124

24G0243-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/11/2024 14:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/16/2024 16:16

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0243-01 A

Preparation Batch: BMG0397 — Sample Size: 20.0145 g (wet)

Prepared: 07/16/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.17	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

SO-TC-374B-071124

24G0243-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/11/2024 14:30

Instrument: ICP3 Analyst: SH — Analyzed: 07/16/2024 19:32

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0243-02 A 02

Preparation Batch: BMG0334 — Sample Size: 25 mL (wet)

Prepared: 07/13/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0695	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	1.93	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

SO-TC-374B-071124

24G0243-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/11/2024 14:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/16/2024 16:16

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0243-02 A

Preparation Batch: BMG0397 — Sample Size: 20.6341 g (wet)

Prepared: 07/16/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.07	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

SO-TC-374C-071124

24G0243-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/11/2024 14:45

Instrument: ICP3 Analyst: SH — Analyzed: 07/16/2024 19:35

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0243-03 A 02

Preparation Batch: BMG0334 — Sample Size: 25 mL (wet)

Prepared: 07/13/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0655	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0200	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

SO-TC-374C-071124

24G0243-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/11/2024 14:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/16/2024 16:16

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0243-03 A

Preparation Batch: BMG0397 — Sample Size: 20.7458 g (wet)

Prepared: 07/16/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.08	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMG0334 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMG0334-BLK1)				Prepared: 13-Jul-2024 Analyzed: 16-Jul-2024 19:14							
Arsenic	0.0230	0.0140	0.250	mg/L							J
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BMG0334-DUP1)		**Source: 24G0243-01**		Prepared: 13-Jul-2024 Analyzed: 16-Jul-2024 19:44							
Arsenic	0.0545	0.0140	0.250	mg/L		0.0555			1.82	20	J
Lead	15.9	0.0065	0.100	mg/L		16.3			2.68	20	
Matrix Spike (BMG0334-MS1)		**Source: 24G0243-01**		Prepared: 13-Jul-2024 Analyzed: 16-Jul-2024 19:47							
Arsenic	4.26	0.0140	0.250	mg/L	4.00	0.0555	105	75-125			
Lead	20.8	0.0065	0.100	mg/L	4.00	16.3	111	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BMG0397 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMG0397-BS1)				Prepared: 16-Jul-2024 Analyzed: 16-Jul-2024 16:16							
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			
Duplicate (BMG0397-DUP1)		**Source: 24G0243-01**		Prepared: 16-Jul-2024 Analyzed: 16-Jul-2024 16:16							
pH	9.19	0.01	0.01	pH Units		9.17			0.22	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	18-Jul-2024 08:37

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

19 July 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24G0333	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.07.19 08:39:34 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24G0333	Turn-around Requested: 3 Day
AR Client Company: PERC	Phone: 425-346-0921
Client Contact: Kenny King	
Client Project Name: Superlon Plastics	
Client Project #: SLON	Samplers: King

Date: 7/15/2024
Page: of
No. of Coolers:
Cooler Temps:

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-375A-071524	07/15/24	14:00	Soil	1	✔	✔							
SO-TC-375B-071524	07/15/24	14:15	Soil	1	✔	✔							
SO-TC-375C-071524	07/15/24	14:30	Soil	1	✔	✔							

Comments/Special Instructions

Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
Printed Name: Kenny King	Printed Name: Sarah Gh	Printed Name:	Printed Name:
Company: PERC	Company: ARLLC	Company:	Company:
Date & Time: 7/15/24 16:19	Date & Time: 7/15/24 16:19	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-375A-071524	24G0333-01	Solid	15-Jul-2024 14:00	15-Jul-2024 16:19
SO-TC-375B-071524	24G0333-02	Solid	15-Jul-2024 14:15	15-Jul-2024 16:19
SO-TC-375C-071524	24G0333-03	Solid	15-Jul-2024 14:30	15-Jul-2024 16:19

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24G0333

Sample receipt

The sample(s) as listed on the preceding page were received 15-Jul-2024 16:19 under ARI work order 24G0333. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Perc
Project Name: Superlon Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 24G0333
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 16.14 — 28.8

If cooler temperature is ~~out~~ of compliance fill out form 00070F — Temp Gun ID#: K0008117

Cooler Accepted by: SG Li Date: 7/15/24 Time: 16:19

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used? ...	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: SA Date: 7/15/24 Time: 1628 Labels checked by: SA

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24G0333

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: _____ Time: _____

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

SO-TC-375A-071524

24G0333-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/15/2024 14:00

Instrument: ICP3 Analyst: SH — Analyzed: 07/17/2024 19:44

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0333-01 A 02

Preparation Batch: BMG0412 — Sample Size: 25 mL (wet)

Prepared: 07/17/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.409	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.250	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

SO-TC-375A-071524

24G0333-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/15/2024 14:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/16/2024 16:16

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0333-01 A

Preparation Batch: BMG0397 — Sample Size: 20.0448 g (wet)

Prepared: 07/16/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.02	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

SO-TC-375B-071524

24G0333-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/15/2024 14:15

Instrument: ICP3 Analyst: SH — Analyzed: 07/17/2024 19:38

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0333-02 A 02

Preparation Batch: BMG0412 — Sample Size: 25 mL (wet)

Prepared: 07/17/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.140	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0415	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

SO-TC-375B-071524

24G0333-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/15/2024 14:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/16/2024 16:16

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0333-02 A

Preparation Batch: BMG0397 — Sample Size: 20.8713 g (wet)

Prepared: 07/16/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.04	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

SO-TC-375C-071524

24G0333-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/15/2024 14:30

Instrument: ICP3 Analyst: SH — Analyzed: 07/17/2024 19:41

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0333-03 A 02

Preparation Batch: BMG0412 — Sample Size: 25 mL (wet)

Prepared: 07/17/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.126	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0875	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

SO-TC-375C-071524

24G0333-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/15/2024 14:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/16/2024 16:16

Sample Preparation: Preparation Method: EPA 9045D — Extract ID: 24G0333-03 A

Preparation Batch: BMG0397 — Sample Size: 20.0451 g (wet)

Prepared: 07/16/2024 — Final Volume: 20 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.04	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMG0412 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMG0412-BLK1)				Prepared: 17-Jul-2024 Analyzed: 17-Jul-2024 19:34							
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U
Duplicate (BMG0412-DUP1)		**Source: 24G0333-01**		Prepared: 17-Jul-2024 Analyzed: 17-Jul-2024 19:47							
Arsenic	0.402	0.0140	0.250	mg/L		0.409			1.60	20	
Lead	0.249	0.0065	0.100	mg/L		0.250			0.40	20	
Matrix Spike (BMG0412-MS1)		**Source: 24G0333-01**		Prepared: 17-Jul-2024 Analyzed: 17-Jul-2024 19:50							
Arsenic	4.75	0.0140	0.250	mg/L	4.00	0.409	109	75-125			
Lead	4.30	0.0065	0.100	mg/L	4.00	0.250	101	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMG0397-BS1)				Prepared: 16-Jul-2024 Analyzed: 16-Jul-2024 16:16							
pH	7.02	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	19-Jul-2024 08:37

Notes and Definitions

*	Flagged value is not within established control limits.
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

29 July 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24G0354	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.07.29 14:39:39 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

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Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24G0354	Turn-around Requested: 3 Day	Date: 7/16/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Notes/Comments
SO-TC-376A-071624	07/16/24	14:00	Soil	1	✔	✔	
SO-TC-376B-071624	07/16/24	14:15	Soil	1	✔	✔	
SO-TC-376C-071624	07/16/24	14:30	Soil	1	✔	✔	

Comments/Special Instructions	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time	Relinquished by: (Signature)	Printed Name	Company	Date & Time	Received by: (Signature)	Printed Name	Company	Date & Time
	Kenny King	Kenny King	PERC	7/16/24 16:19		Sylvi Acevedo	ARI	7/16/24 1619								

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-376A-071624	24G0354-01	Solid	16-Jul-2024 14:00	16-Jul-2024 16:19
SO-TC-376B-071624	24G0354-02	Solid	16-Jul-2024 14:15	16-Jul-2024 16:19
SO-TC-376C-071624	24G0354-03	Solid	16-Jul-2024 14:30	16-Jul-2024 16:19

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24G0354

Sample receipt

The sample(s) as listed on the preceding page were received 16-Jul-2024 16:19 under ARI work order 24G0354. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

The duplicate (DUP) relative percent difference (RPD) was within advisory control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): (NA)
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 24G0354
Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)
Were custody papers included with the cooler? (YES) NO
Were custody papers properly filled out (ink, signed, etc.) (YES) NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1619 30.7

If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: 8117

Cooler Accepted by: SA Date: 7/16/24 Time: 1619

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A
Was sufficient ice used (if appropriate)? NA YES (NO)
How were bottles sealed in plastic bags? Individually (Grouped) Not
Did all bottles arrive in good condition (unbroken)? (YES) NO
Were all bottle labels complete and legible? (YES) NO
Did the number of containers listed on COC match with the number of containers received? (YES) NO
Did all bottle labels and tags agree with custody papers? (YES) NO
Were all bottles used correct for the requested analyses? (YES) NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ... NA YES (NO)
Were all VOC vials free of air bubbles? (NA) YES NO
Was sufficient amount of sample sent in each bottle? (YES) NO
Date VOC Trip Blank was made at ARI (NA)
Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: SA Date: 7/16/24 Time: 1625 Labels checked by: SA

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24G0354

Cooler#: _____ **Temperature(°C):** 30.7

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: SA Date: 7/16/24 Time: 1619

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

SO-TC-376A-071624

24G0354-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/16/2024 14:00
Instrument: ICP3 Analyst: SH — Analyzed: 07/25/2024 18:43

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0354-01 A 01
Preparation Batch: BMG0554 — Sample Size: 25 mL (wet)
Prepared: 07/23/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.417	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0680	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

SO-TC-376A-071624

24G0354-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/16/2024 14:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/22/2024 11:59

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0354-01 A

Preparation Batch: BMG0533 — Sample Size: 20.0586 g (wet)

Prepared: 07/22/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.66	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

SO-TC-376B-071624

24G0354-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/16/2024 14:15

Instrument: ICP3 Analyst: SH — Analyzed: 07/25/2024 18:30

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0354-02 A 01

Preparation Batch: BMG0554 — Sample Size: 25 mL (wet)

Prepared: 07/23/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.505	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

SO-TC-376B-071624

24G0354-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/16/2024 14:15

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/22/2024 11:59

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0354-02 A

Preparation Batch: BMG0533 — Sample Size: 20.0625 g (wet)

Prepared: 07/22/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.91	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

SO-TC-376C-071624

24G0354-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/16/2024 14:30

Instrument: ICP3 Analyst: SH — Analyzed: 07/25/2024 18:46

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0354-03 A 01

Preparation Batch: BMG0554 — Sample Size: 25 mL (wet)

Prepared: 07/23/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.133	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	1.79	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

SO-TC-376C-071624

24G0354-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/16/2024 14:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/22/2024 11:59

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0354-03 A

Preparation Batch: BMG0533 — Sample Size: 20.8147 g (wet)

Prepared: 07/22/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.98	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMG0554 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMG0554-BLK1)					Prepared: 23-Jul-2024 Analyzed: 25-Jul-2024 18:24						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

Analysis by: Analytical Resources, LLC

Wet Chemistry - Quality Control

Batch BMG0533 - EPA 9045D

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMG0533-BS1)				Prepared: 22-Jul-2024 Analyzed: 22-Jul-2024 11:59							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			
Duplicate (BMG0533-DUP1)		**Source: 24G0354-01**		Prepared: 22-Jul-2024 Analyzed: 22-Jul-2024 11:59							
pH	8.70	0.01	0.01	pH Units		8.66			0.46	20	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:37

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

29 July 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24G0392	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.07.29 14:40:55 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24G0392	Turn-around Requested: 3 Day	Date: 7/17/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-377A-071724	07/17/24	14:30	Soil	1	✔	✔							
SO-TC-377B-071724	07/17/24	14:45	Soil	1	✔	✔							
SO-TC-377C-071724	07/17/24	15:00	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Sarah Ginn	Printed Name:	Printed Name:
	Company: PERC	Company: ARLLC	Company:	Company:
	Date & Time: 7/17/2024 16:22	Date & Time: 7/17/2024 16:22	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-377A-071724	24G0392-01	Solid	17-Jul-2024 14:30	17-Jul-2024 16:22
SO-TC-377B-071724	24G0392-02	Solid	17-Jul-2024 14:45	17-Jul-2024 16:22
SO-TC-377C-071724	24G0392-03	Solid	17-Jul-2024 15:00	17-Jul-2024 16:22

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:40

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24G0392

Sample receipt

The sample(s) as listed on the preceding page were received 17-Jul-2024 16:22 under ARI work order 24G0392. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Perc
Project Name: Superlon Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 24G0392
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	NO
Were custody papers included with the cooler?	YES	NO
Were custody papers properly filled out (ink, signed, etc.)	YES	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry) 27.9

Time 16:22
If cooler temperature is out of compliance fill out form 00070F
Temp Gun ID#: 97065

Cooler Accepted by: [signature] Date: 7/17/24 Time: 16:22

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	NO
What kind of packing material was used?	Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:		
Was sufficient ice used (if appropriate)?	NA	YES	NO
How were bottles sealed in plastic bags?	Individually	Grouped	Not
Did all bottles arrive in good condition (unbroken)?		YES	NO
Were all bottle labels complete and legible?		YES	NO
Did the number of containers listed on COC match with the number of containers received?		YES	NO
Did all bottle labels and tags agree with custody papers?		YES	NO
Were all bottles used correct for the requested analyses?		YES	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)	NA	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	NO
Was sufficient amount of sample sent in each bottle?		YES	NO
Date VOC Trip Blank was made at ARI	NA		

Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: [signature] Date: 7/17/24 Time: 16:34 Labels checked by: SL

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24G0392

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type
Sample temps over 6°C at time of arrival (27.9°C)		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: 7/17/24 Time: 1622

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:40

SO-TC-377A-071724

24G0392-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/17/2024 14:30
Instrument: ICP3 Analyst: SH — Analyzed: 07/25/2024 18:49

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0392-01 A 01
Preparation Batch: BMG0554 — Sample Size: 25 mL (wet)
Prepared: 07/23/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0985	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.262	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:40

SO-TC-377A-071724

24G0392-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/17/2024 14:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/22/2024 11:59

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0392-01 A

Preparation Batch: BMG0533 — Sample Size: 20.2253 g (wet)

Prepared: 07/22/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.90	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:40

SO-TC-377B-071724

24G0392-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/17/2024 14:45

Instrument: ICP3 Analyst: SH — Analyzed: 07/25/2024 18:52

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0392-02 A 01

Preparation Batch: BMG0554 — Sample Size: 25 mL (wet)

Prepared: 07/23/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.510	mg/L	
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:40

SO-TC-377B-071724

24G0392-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/17/2024 14:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/22/2024 11:59

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0392-02 A

Preparation Batch: BMG0533 — Sample Size: 20.4563 g (wet)

Prepared: 07/22/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.05	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:40

SO-TC-377C-071724

24G0392-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/17/2024 15:00

Instrument: ICP3 Analyst: SH — Analyzed: 07/25/2024 18:55

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0392-03 A 01

Preparation Batch: BMG0554 — Sample Size: 25 mL (wet)

Prepared: 07/23/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.370	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0075	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:40

SO-TC-377C-071724

24G0392-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/17/2024 15:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 07/22/2024 11:59

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0392-03 A

Preparation Batch: BMG0533 — Sample Size: 20.604 g (wet)

Prepared: 07/22/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.82	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:40

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMG0554 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMG0554-BLK1)					Prepared: 23-Jul-2024 Analyzed: 25-Jul-2024 18:24						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:40

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMG0533-BS1)				Prepared: 22-Jul-2024 Analyzed: 22-Jul-2024 11:59							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	29-Jul-2024 14:40

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	29-Jul-2024 14:40

Notes and Definitions

D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

05 August 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24G0508	N/A

Phillip Bates
Digitally signed by Phillip Bates
Date: 2024.08.05 14:07:15 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 2460508	Turn-around Requested: 3 Day	Date: 07/23/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C							Notes/Comments
					Analysis Requested								
SO-TC-378A-072324	07/23/24	09:15	Soil	1	✔	✔							
SO-TC-378B-072324	07/23/24	09:30	Soil	1	✔	✔							
SO-TC-378C-072324	07/23/24	09:45	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Sylvia Acevedo	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/23/2024 15:39	Date & Time: 7/23/24 1539	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-378A-072324	24G0508-01	Solid	23-Jul-2024 09:15	23-Jul-2024 15:39
SO-TC-378B-072324	24G0508-02	Solid	23-Jul-2024 09:30	23-Jul-2024 15:39
SO-TC-378C-072324	24G0508-03	Solid	23-Jul-2024 09:45	23-Jul-2024 15:39

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24G0508

Sample receipt

Sample(s) as listed on the preceding page were received 23-Jul-2024 15:39 under ARI work order 24G0508. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC Project Name: Superlon Plastics

COC No(s): NA Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24G0508 Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1539 25.1

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 97088

Cooler Accepted by: SA Date: 7/23/24 Time: 1539

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
How were bottles sealed in plastic bags?	Individually	(Grouped)	Not
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO
Date VOC Trip Blank was made at ARI	(NA)		

Were the sample(s) split by ARI? (NA) YES Date/Time: _____ Equipment: _____ Split by: _____

Samples Logged by: ES Date: 7/23/24 Time: 1624 Labels checked by: ES

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 2460508

Cooler#: _____ **Temperature(°C):** 25.1

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: SA Date: 7/23/24 Time: 1537

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

SO-TC-378A-072324

24G0508-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/23/2024 09:15

Instrument: ICP3 Analyst: SH — Analyzed: 07/29/2024 20:39

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0508-01 A 02

Preparation Batch: BMG0625 — Sample Size: 25 mL (wet)

Prepared: 07/25/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0965	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.102	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

SO-TC-378A-072324

24G0508-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/23/2024 09:15

Instrument: Accumet AB150 Analyst: ARR — Analyzed: 07/25/2024 11:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0508-01 A

Preparation Batch: BMG0609 — Sample Size: 20.1726 g (wet)

Prepared: 07/24/2024 — Final Volume: 20.1726 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.57	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

SO-TC-378B-072324

24G0508-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/23/2024 09:30

Instrument: ICP3 Analyst: SH — Analyzed: 07/29/2024 20:42

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0508-02 A 02

Preparation Batch: BMG0625 — Sample Size: 25 mL (wet)

Prepared: 07/25/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0830	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	1.11	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

SO-TC-378B-072324

24G0508-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/23/2024 09:30

Instrument: Accumet AB150 Analyst: ARR — Analyzed: 07/25/2024 11:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0508-02 A

Preparation Batch: BMG0609 — Sample Size: 20.0126 g (wet)

Prepared: 07/24/2024 — Final Volume: 20.0126 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.27	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

SO-TC-378C-072324

24G0508-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/23/2024 09:45

Instrument: ICP3 Analyst: SH — Analyzed: 07/29/2024 20:45

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0508-03 A 02

Preparation Batch: BMG0625 — Sample Size: 25 mL (wet)

Prepared: 07/25/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.187	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	10.1	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

SO-TC-378C-072324

24G0508-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/23/2024 09:45

Instrument: Accumet AB150 Analyst: ARR — Analyzed: 07/25/2024 11:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0508-03 A

Preparation Batch: BMG0609 — Sample Size: 20.1702 g (wet)

Prepared: 07/24/2024 — Final Volume: 20.1702 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.27	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMG0625 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMG0625-BLK1)					Prepared: 25-Jul-2024 Analyzed: 29-Jul-2024 20:33						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

Instrument: Accumet AB150 Analyst: ARR

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMG0609-BS1)				Prepared: 24-Jul-2024 Analyzed: 25-Jul-2024 11:04							
pH	6.99	0.01	0.01	pH Units	7.00		99.9	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:05

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

05 August 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24G0545	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2024.08.05 14:10:50 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24G0545	Turn-around Requested: 3 Day	Date: 7/24/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 27.9 C
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-379A-072424	07/24/24	14:00	Soil	1	✔	✔							
SO-TC-379B-072424	07/24/24	14:15	Soil	1	✔	✔							
SO-TC-379C-072424	07/24/24	14:30	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Sylvi Acevedo	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 7/24/2024 16:24	Date & Time: 7/24/24 1624	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-379A-072424	24G0545-01	Solid	24-Jul-2024 14:00	24-Jul-2024 16:24
SO-TC-379B-072424	24G0545-02	Solid	24-Jul-2024 14:15	24-Jul-2024 16:24
SO-TC-379C-072424	24G0545-03	Solid	24-Jul-2024 14:30	24-Jul-2024 16:24

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24G0545

Sample receipt

Sample(s) as listed on the preceding page were received 24-Jul-2024 16:24 under ARI work order 24G0545. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Superlon Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 24G0545
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)
Were custody papers included with the cooler? (YES) NO
Were custody papers properly filled out (ink, signed, etc.) (YES) NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)
Time 1624 27.9
If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 9708
Cooler Accepted by: SA Date: 7/24/24 Time: 1624

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)
What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A
Was sufficient ice used (if appropriate)? (NA) YES NO SA
How were bottles sealed in plastic bags? Individually (Grouped) Not
Did all bottles arrive in good condition (unbroken)? (YES) NO
Were all bottle labels complete and legible? (YES) NO
Did the number of containers listed on COC match with the number of containers received? (YES) NO
Did all bottle labels and tags agree with custody papers? (YES) NO
Were all bottles used correct for the requested analyses? (YES) NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES (NO)
Were all VOC vials free of air bubbles? (NA) YES NO
Was sufficient amount of sample sent in each bottle? (YES) NO
Date VOC Trip Blank was made at ARI (NA)
Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: SA Date: 7/24/24 Time: 1656 Labels checked by: SA

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24G0545

Cooler#: _____ **Temperature(°C):** 27.9

Sample ID	Bottle Count	Bottle Type
Samples received above 6C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JA Date: 7/24/24 Time: 1624

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

SO-TC-379A-072424

24G0545-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/24/2024 14:00

Instrument: ICP3 Analyst: SH — Analyzed: 07/29/2024 21:10

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0545-01 A 02

Preparation Batch: BMG0660 — Sample Size: 25 mL (wet)

Prepared: 07/26/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0785	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0195	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

SO-TC-379A-072424

24G0545-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/24/2024 14:00

Instrument: Accumet AB150 Analyst: ARR — Analyzed: 07/25/2024 11:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0545-01 A

Preparation Batch: BMG0610 — Sample Size: 20.1041 g (wet)

Prepared: 07/24/2024 — Final Volume: 20.1041 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.26	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

SO-TC-379B-072424

24G0545-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/24/2024 14:15

Instrument: ICP3 Analyst: SH — Analyzed: 07/29/2024 21:13

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0545-02 A 02

Preparation Batch: BMG0660 — Sample Size: 25 mL (wet)

Prepared: 07/26/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.103	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	ND	mg/L	U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

SO-TC-379B-072424

24G0545-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/24/2024 14:15

Instrument: Accumet AB150 Analyst: ARR — Analyzed: 07/25/2024 11:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0545-02 A

Preparation Batch: BMG0610 — Sample Size: 20.1079 g (wet)

Prepared: 07/24/2024 — Final Volume: 20.1079 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.55	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

SO-TC-379C-072424

24G0545-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/24/2024 14:30

Instrument: ICP3 Analyst: SH — Analyzed: 07/29/2024 21:16

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0545-03 A 02

Preparation Batch: BMG0660 — Sample Size: 25 mL (wet)

Prepared: 07/26/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.330	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0605	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

SO-TC-379C-072424

24G0545-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/24/2024 14:30

Instrument: Accumet AB150 Analyst: ARR — Analyzed: 07/25/2024 11:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0545-03 A

Preparation Batch: BMG0610 — Sample Size: 20.18 g (wet)

Prepared: 07/24/2024 — Final Volume: 20.18 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.45	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMG0660 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMG0660-BLK1)					Prepared: 26-Jul-2024 Analyzed: 29-Jul-2024 21:07						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

Instrument: Accumet AB150 Analyst: ARR

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMG0610-BS1)				Prepared: 24-Jul-2024 Analyzed: 25-Jul-2024 11:04							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:09

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

05 August 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24G0546	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2024.08.05 14:13:51 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 24G0546	Turn-around Requested: 3 Day	Date: 7/24/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers: 1	Cooler Temps: 27.9
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	TCLP 1311 As/Pb Only	pH 9045C	Analysis Requested						Notes/Comments
SO-TC-380A-072424	07/24/24	14:45	Soil	1	✔	✔							
SO-TC-380B-072424	07/24/24	15:00	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Kenny King	Printed Name: Jydu Acevedo	Printed Name:	Printed Name:
	Company: PERC	Company: AR1	Company:	Company:
	Date & Time: 7/24/2024 16:24	Date & Time: 7/24/24 1624	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project:	Superlon Plastics	
8424 E Meadow Lake Drive	Project Number:	SLON	**Reported:**
Snohomish WA, 98290	Project Manager:	Kenny King	05-Aug-2024 14:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-380A-072424	24G0546-01	Solid	24-Jul-2024 14:45	24-Jul-2024 16:24
SO-TC-380B-072424	24G0546-02	Solid	24-Jul-2024 15:00	24-Jul-2024 16:24

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:11

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24G0546

Sample receipt

Sample(s) as listed on the preceding page were received 24-Jul-2024 16:24 under ARI work order 24G0546. For details regarding sample receipt, please refer to the Cooler Receipt Form.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC

Project Name: Superlon Plastics

COC No(s): (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other:

Assigned ARI Job No: 24G0546

Tracking No: (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES (NO)

Were custody papers included with the cooler? (YES) NO

Were custody papers properly filled out (ink, signed, etc.) (YES) NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)

Time 1624 27.9

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 9708

Cooler Accepted by: SA Date: 7/24/24 Time: 1624

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES (NO)

What kind of packing material was used? ... Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other: N/A

Was sufficient ice used (if appropriate)? (NA) YES NO SA

How were bottles sealed in plastic bags? Individually (Grouped) Not

Did all bottles arrive in good condition (unbroken)? (YES) NO

Were all bottle labels complete and legible? (YES) NO

Did the number of containers listed on COC match with the number of containers received? (YES) NO

Did all bottle labels and tags agree with custody papers? (YES) NO

Were all bottles used correct for the requested analyses? (YES) NO

Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) ... (NA) YES NO

Were all VOC vials free of air bubbles? (NA) YES NO

Was sufficient amount of sample sent in each bottle? (YES) NO

Date VOC Trip Blank was made at ARI (NA)

Were the sample(s) split by ARI? (NA) YES Date/Time: Equipment: Split by:

Samples Logged by: ES Date: 7/24/24 Time: 1704 Labels checked by: ES

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

ARI Work Order: 24G0546

Cooler#: _____ **Temperature(°C):** 27.9

Sample ID	Bottle Count	Bottle Type
Samples received above 6°C		

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ **Temperature(°C):** _____

Sample ID	Bottle Count	Bottle Type

Completed by: JA Date: 7/24/24 Time: 1624

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:11

SO-TC-380A-072424

24G0546-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/24/2024 14:45

Instrument: ICP3 Analyst: SH — Analyzed: 07/29/2024 21:19

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0546-01 A 02

Preparation Batch: BMG0660 — Sample Size: 25 mL (wet)

Prepared: 07/26/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.255	mg/L	
Lead	7439-92-1	5	0.0065	0.100	2.00	mg/L	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:11

SO-TC-380A-072424

24G0546-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/24/2024 14:45

Instrument: Accumet AB150 Analyst: ARR — Analyzed: 07/25/2024 11:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0546-01 A

Preparation Batch: BMG0610 — Sample Size: 20.1135 g (wet)

Prepared: 07/24/2024 — Final Volume: 20.1135 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.14	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:11

SO-TC-380B-072424

24G0546-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 07/24/2024 15:00

Instrument: ICP3 Analyst: SH — Analyzed: 07/29/2024 21:22

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24G0546-02 A 02

Preparation Batch: BMG0660 — Sample Size: 25 mL (wet)

Prepared: 07/26/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	3.04	mg/L	
Lead	7439-92-1	5	0.0065	0.100	0.0670	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:11

SO-TC-380B-072424

24G0546-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 07/24/2024 15:00

Instrument: Accumet AB150 Analyst: ARR — Analyzed: 07/25/2024 11:04

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24G0546-02 A

Preparation Batch: BMG0610 — Sample Size: 20.0995 g (wet)

Prepared: 07/24/2024 — Final Volume: 20.0995 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	8.08	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:11

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BMG0660 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BMG0660-BLK1)					Prepared: 26-Jul-2024 Analyzed: 29-Jul-2024 21:07						
Arsenic	ND	0.0140	0.250	mg/L							U
Lead	ND	0.0065	0.100	mg/L							U

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:11

Instrument: Accumet AB150 Analyst: ARR

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BMG0610-BS1)				Prepared: 24-Jul-2024 Analyzed: 25-Jul-2024 11:04							
pH	6.98	0.01	0.01	pH Units	7.00		99.7	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:11

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2025

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	05-Aug-2024 14:11

Notes and Definitions

*	Flagged value is not within established control limits.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

July 31, 2024

Kenny King, Project Manager
Pacific Environmental and Redevelopment Corporation
8424 E Meadow Lake Drive
Snohomish, WA 98290

Dear Mr King:

Included are the results from the testing of material submitted on July 30, 2024 from the Superlon Plastics SLON, F&BI 407449 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Jeff King (PRC), Kim Oliva-Membreno (PRC)
PRC0731R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on July 30, 2024 by Friedman & Bruya, Inc. from the Pacific Environmental and Redevelopment Corporation Superlon Plastics SLON, F&BI 407449 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Pacific Environmental and Redevelopment Corporation
407449 -01	SO-TC-381A-072924
407449 -02	SO-TC-381B-072924
407449 -03	SO-TC-381C-072924

All quality control requirements were acceptable.

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-381A-072924	Client:	PERC
Date Received:	07/30/24	Project:	Superlon Plastics SLON
Date Extracted:	07/30/24	Lab ID:	407449-01
Date Analyzed:	07/31/24	Data File:	407449-01.067
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-381B-072924	Client:	PERC
Date Received:	07/30/24	Project:	Superlon Plastics SLON
Date Extracted:	07/30/24	Lab ID:	407449-02
Date Analyzed:	07/31/24	Data File:	407449-02.070
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-381C-072924	Client:	PERC
Date Received:	07/30/24	Project:	Superlon Plastics SLON
Date Extracted:	07/30/24	Lab ID:	407449-03
Date Analyzed:	07/31/24	Data File:	407449-03.071
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	Method Blank	Client:	PERC
Date Received:	NA	Project:	Superlon Plastics SLON
Date Extracted:	07/30/24	Lab ID:	I4-613 mb
Date Analyzed:	07/31/24	Data File:	I4-613 mb.065
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Date of Report: 07/31/24
Date Received: 07/30/24
Project: Superlon Plastics SLON, F&BI 407449
Date Extracted: 07/31/24
Date Analyzed: 07/31/24

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR pH USING EPA METHOD 9045D

Sample ID Laboratory ID	pH
SO-TC-381A-072924 407449-01	9.6
SO-TC-381B-072924 407449-02	9.8
SO-TC-381C-072924 407449-03	9.7

Date of Report: 07/31/24
Date Received: 07/30/24
Project: Superlon Plastics SLON, F&BI 407449

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL/SOLID SAMPLES FOR TCLP METALS USING EPA METHODS 6020B AND 1311

Laboratory Code: 407449-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/L (ppm)	1.0	<1	93	93	75-125	0
Lead	mg/L (ppm)	1.0	<1	97	96	75-125	2

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/L (ppm)	1.0	95	80-120
Lead	mg/L (ppm)	1.0	96	80-120

Date of Report: 07/31/24
Date Received: 07/30/24
Project: Superlon Plastics SLON, F&BI 407449

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR pH BY METHOD 9045D

Laboratory Code: 407448-01

Analyte	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
pH	7.6	7.7	1	0-20

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the standard reporting limit. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

407449

SAMPLE CHAIN OF CUSTODY ME 07/30/24 M1

Report To Kenny King
Company PERC
Address 8424 E Meadow Lake Drive
City, State, ZIP Snohomish, WA 98290
Phone 425-346-0921 Email KKing@PERC-NW.com

SAMPLERS (*signature*) Kenny King

PROJECT NAME: Superlon Plastics
PO #: SLON

REMARKS
Project Specific RLs - Yes / No

INVOICE TO
KKing@PERC-NW.com
TKing@PERCNW.com

Page # _____ of _____

TURNAROUND TIME
Standard Turnaround
RUSH ASAP
Rush charges authorized by:

SAMPLE DISPOSAL
(Dispose after 30 days)
Archive Samples
Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	TCLP 1311 As/Pb only	pH 9045C				Notes
SO-TC-381A-072924	01 A	7/29/24	14:45	Soil	1							X	X				
SO-TC-381B-072924	02	7/29/24	15:00	Soil	1							X	X				
SO-TC-381C-072924	03	7/29/24	15:15	Soil	1							X	X				
																	Samples received at 4 °C

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Kenny King	Kenny King	PERC	7/30/24	15:15
Received by:	Mac Gollum	PBZ	7/30/24	15:15
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
5500 4th Avenue S
Seattle, WA 98108
Ph. (206) 285-8282

SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 407449 CLIENT PSRL INITIALS/ DATE: 7/30 MV

If custody seals are present on cooler, are they intact? ☒ NA ☐ YES ☐ NO

Cooler/Sample temperature 4 °C
Thermometer ID: Fluke 96312917

Were samples received on ice/cold packs? ☒ YES ☐ NO

How did samples arrive?
☐ Over the Counter ☒ Picked up by F&BI ☐ FedEx/UPS/GSO

Is there a Chain-of-Custody* (COC)? ☒ YES ☐ NO **Initials/ Date:** MV 7/30
*or other representative documents, letters, and/or shipping memos

Number of days samples have been sitting prior to receipt at laboratory 01 days

Are the samples clearly identified? (explain "no" answer below) ☒ YES ☐ NO

Were all sample containers received intact (i.e. not broken, leaking etc.)? (explain "no" answer below) ☒ YES ☐ NO

Were appropriate sample containers used? ☒ YES ☐ NO ☐ Unknown

If custody seals are present on samples, are they intact? ☒ NA ☐ YES ☐ NO

Are samples requiring no headspace, headspace free? ☒ NA ☐ YES ☐ NO

Is the following information provided on the COC, and does it match the sample label?
(explain "no" answer below)

Sample ID's	☒ Yes	☐ No	☐ Not on COC/label
Date Sampled	☒ Yes	☐ No	☐ Not on COC/label
Time Sampled	☒ Yes	☐ No	☐ Not on COC/label
# of Containers	☒ Yes	☐ No	
Relinquished	☒ Yes	☐ No	
Requested analysis	☒ Yes	☐ On Hold	

Other comments (use a separate page if needed)

Air Samples: Were any additional canisters/tubes received? ☐ NA ☐ YES ☐ NO

Number of unused TO15 canisters _____ **Number of unused TO17 tubes** _____

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

August 2, 2024

Kenny King, Project Manager
Pacific Environmental and Redevelopment Corporation
8424 E Meadow Lake Drive
Snohomish, WA 98290

Dear Mr King:

Included are the results from the testing of material submitted on August 1, 2024 from the Superlon Plastics SLON, F&BI 408016 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Jeff King (PRC), Kim Oliva-Membreno (PRC)
PRC0802R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on August 1, 2024 by Friedman & Bruya, Inc. from the Pacific Environmental and Redevelopment Corporation Superlon Plastics SLON, F&BI 408016 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Pacific Environmental and Redevelopment Corporation
408016 -01	SO-TC-382A-073124
408016 -02	SO-TC-382B-073124
408016 -03	SO-TC-382C-073124

All quality control requirements were acceptable.

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-382A-073124	Client:	PERC
Date Received:	08/01/24	Project:	Superlon Plastics SLON
Date Extracted:	08/01/24	Lab ID:	408016-01
Date Analyzed:	08/02/24	Data File:	408016-01.061
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-382B-073124	Client:	PERC
Date Received:	08/01/24	Project:	Superlon Plastics SLON
Date Extracted:	08/01/24	Lab ID:	408016-02
Date Analyzed:	08/02/24	Data File:	408016-02.062
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-382C-073124	Client:	PERC
Date Received:	08/01/24	Project:	Superlon Plastics SLON
Date Extracted:	08/01/24	Lab ID:	408016-03
Date Analyzed:	08/02/24	Data File:	408016-03.065
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	Method Blank	Client:	PERC
Date Received:	NA	Project:	Superlon Plastics SLON
Date Extracted:	08/01/24	Lab ID:	I4-624 mb
Date Analyzed:	08/02/24	Data File:	I4-624 mb.054
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Date of Report: 08/02/24
Date Received: 08/01/24
Project: Superlon Plastics SLON, F&BI 408016
Date Extracted: 08/01/24
Date Analyzed: 08/01/24

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR pH USING EPA METHOD 9045D

Sample ID Laboratory ID	pH
SO-TC-382A-073124 408016-01	9.5
SO-TC-382B-073124 408016-02	9.6
SO-TC-382C-073124 408016-03	9.6

Date of Report: 08/02/24
Date Received: 08/01/24
Project: Superlon Plastics SLON, F&BI 408016

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL/SOLID SAMPLES FOR TCLP METALS USING EPA METHODS 6020B AND 1311

Laboratory Code: 408015-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/L (ppm)	1.0	<1	103	98	75-125	5
Lead	mg/L (ppm)	1.0	<1	96	93	75-125	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/L (ppm)	1.0	100	80-120
Lead	mg/L (ppm)	1.0	95	80-120

Date of Report: 08/02/24
Date Received: 08/01/24
Project: Superlon Plastics SLON, F&BI 408016

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR pH BY METHOD 9045D

Laboratory Code: 408015-03

Analyte	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
pH	9.3	9.3	0	0-20

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the standard reporting limit. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

408016

SAMPLE CHAIN OF CUSTODY 08/01/24 MI

Report To Kenny King
Company PERC
Address 8424 E Meadow Lake Drive
City, State, ZIP Snohomish, WA 98290
Phone 425-346-0921 Email KKing@PERC-NW.com

SAMPLERS (*signature*) Kenny King
PROJECT NAME: Superlon Plastics
PO #: SLON
REMARKS: Project Specific RLs - Yes / No
INVOICE TO: KKing@PERC-NW.com JKing@PERCNW.com

Page # _____ of _____

TURNAROUND TIME
Standard Turnaround
RUSH ASAP
Rush charges authorized by:

SAMPLE DISPOSAL
Dispose after 30 days
Archive Samples
Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	TCLP 1311 As/Pb only	pH 9045C				Notes
SO-TC-382A-073124	01	7/31/24	09:15	Soil	1							X	X				
SO-TC-382B-073124	02	7/31/24	09:30	Soil	1							X	X				
SO-TC-382C-073124	03	7/31/24	09:45	Soil	1							X	X				
								Samples received at						Ø	°C		

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Kenny King	Kenny King	PERC	8/1/24	10:55
Received by:	Anh Phan	FBI	08/01/24	12:37
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
5500 4th Avenue S
Seattle, WA 98108
Ph. (206) 285-8282

SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 408016 CLIENT PERC INITIALS/ DATE: AP 08/01/24

If custody seals are present on cooler, are they intact? ☑ NA ☐ YES ☐ NO

Cooler/Sample temperature Ø °C
Thermometer ID: Fluke 96312917

Were samples received on ice/cold packs? ☑ YES ☐ NO

How did samples arrive?
☐ Over the Counter ☑ Picked up by F&BI ☐ FedEx/UPS/GSO

Is there a Chain-of-Custody* (COC)? ☑ YES ☐ NO Initials/ Date: AP 08/01/24
*or other representative documents, letters, and/or shipping memos

Number of days samples have been sitting prior to receipt at laboratory 1 days

Are the samples clearly identified? (explain "no" answer below) ☑ YES ☐ NO

Were all sample containers received intact (i.e. not broken, leaking etc.)? (explain "no" answer below) ☑ YES ☐ NO

Were appropriate sample containers used? ☑ YES ☐ NO ☐ Unknown

If custody seals are present on samples, are they intact? ☑ NA ☐ YES ☐ NO

Are samples requiring no headspace, headspace free? ☑ NA ☐ YES ☐ NO

Is the following information provided on the COC, and does it match the sample label?
(explain "no" answer below)

Sample ID's	☑ Yes ☐ No		☐ Not on COC/label
Date Sampled	☑ Yes ☐ No		☐ Not on COC/label
Time Sampled	☑ Yes ☐ No		☐ Not on COC/label
# of Containers	☑ Yes ☐ No		
Relinquished	☑ Yes ☐ No		
Requested analysis	☑ Yes ☐ On Hold		

Other comments (use a separate page if needed)

Air Samples: Were any additional canisters/tubes received? ☑ NA ☐ YES ☐ NO

Number of unused TO15 canisters _____ **Number of unused TO17 tubes** _____

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.
Yelena Aravkina, M.S.
Michael Erdahl, B.S.
Vineta Mills, M.S.
Eric Young, B.S.

5500 4th Ave South
Seattle, WA 98108-2419
(206) 285-8282
office@friedmanandbruya.com
www.friedmanandbruya.com

August 2, 2024

Kenny King, Project Manager
Pacific Environmental and Redevelopment Corporation
8424 E Meadow Lake Drive
Snohomish, WA 98290

Dear Mr King:

Included are the results from the testing of material submitted on August 1, 2024 from the Superlon Plastics SLON, F&BI 408015 project. There are 9 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days, or as directed by the Chain of Custody document. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.

Michael Erdahl
Project Manager

Enclosures
c: Jeff King (PRC), Kim Oliva-Membreno (PRC)
PRC0802R.DOC

CASE NARRATIVE

This case narrative encompasses samples received on August 1, 2024 by Friedman & Bruya, Inc. from the Pacific Environmental and Redevelopment Corporation Superlon Plastics SLON, F&BI 408015 project. Samples were logged in under the laboratory ID's listed below.

Laboratory ID	Pacific Environmental and Redevelopment Corporation
408015 -01	SO-TC-383A-080124
408015 -02	SO-TC-383B-080124
408015 -03	SO-TC-383C-080124

All quality control requirements were acceptable.

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-383A-080124	Client:	PERC
Date Received:	08/01/24	Project:	Superlon Plastics SLON
Date Extracted:	08/01/24	Lab ID:	408015-01
Date Analyzed:	08/02/24	Data File:	408015-01.056
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-383B-080124	Client:	PERC
Date Received:	08/01/24	Project:	Superlon Plastics SLON
Date Extracted:	08/01/24	Lab ID:	408015-02
Date Analyzed:	08/02/24	Data File:	408015-02.059
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	1.9	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	SO-TC-383C-080124	Client:	PERC
Date Received:	08/01/24	Project:	Superlon Plastics SLON
Date Extracted:	08/01/24	Lab ID:	408015-03
Date Analyzed:	08/02/24	Data File:	408015-03.060
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Analysis for TCLP Metals By EPA Method 6020B and 1311

Client ID:	Method Blank	Client:	PERC
Date Received:	Not Applicable	Project:	Superlon Plastics SLON
Date Extracted:	08/01/24	Lab ID:	I4-624 mb
Date Analyzed:	08/02/24	Data File:	I4-624 mb.054
Matrix:	Soil/Solid	Instrument:	ICPMS3
Units:	mg/L (ppm)	Operator:	SP

Analyte:	Concentration mg/L (ppm)	TCLP Limit
Arsenic	<1	5.0
Lead	<1	5.0

Date of Report: 08/02/24
Date Received: 08/01/24
Project: Superlon Plastics SLON, F&BI 408015
Date Extracted: 08/01/24
Date Analyzed: 08/01/24

RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR pH USING EPA METHOD 9045D

Sample ID Laboratory ID	pH
SO-TC-383A-080124 408015-01	9.5
SO-TC-383B-080124 408015-02	9.4
SO-TC-383C-080124 408015-03	9.3

Date of Report: 08/02/24
Date Received: 08/01/24
Project: Superlon Plastics SLON, F&BI 408015

QUALITY ASSURANCE RESULTS FOR THE ANALYSIS OF SOIL/SOLID SAMPLES FOR TCLP METALS USING EPA METHODS 6020B AND 1311

Laboratory Code: 408015-01 (Matrix Spike)

Analyte	Reporting Units	Spike Level	Sample Result	Percent Recovery MS	Percent Recovery MSD	Acceptance Criteria	RPD (Limit 20)
Arsenic	mg/L (ppm)	1.0	<1	103	98	75-125	5
Lead	mg/L (ppm)	1.0	<1	96	93	75-125	3

Laboratory Code: Laboratory Control Sample

Analyte	Reporting Units	Spike Level	Percent Recovery LCS	Acceptance Criteria
Arsenic	mg/L (ppm)	1.0	100	80-120
Lead	mg/L (ppm)	1.0	95	80-120

Date of Report: 08/02/24
Date Received: 08/01/24
Project: Superlon Plastics SLON, F&BI 408015

QUALITY ASSURANCE RESULTS FROM THE ANALYSIS OF SOIL SAMPLES FOR pH BY METHOD 9045D

Laboratory Code: 408015-03

Analyte	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
pH	9.3	9.3	0	0-20

Data Qualifiers & Definitions

a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.

b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.

ca - The calibration results for the analyte were outside of acceptance criteria, biased low; or, the calibration results for the analyte were outside of acceptance criteria, biased high, with a detection for the analyte in the sample. The value reported is an estimate.

c - The presence of the analyte may be due to carryover from previous sample injections.

cf - The sample was centrifuged prior to analysis.

d - The sample was diluted. Detection limits were raised and surrogate recoveries may not be meaningful.

dv - Insufficient sample volume was available to achieve normal reporting limits.

f - The sample was laboratory filtered prior to analysis.

fb - The analyte was detected in the method blank.

fc - The analyte is a common laboratory and field contaminant.

hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. Variability is attributed to sample inhomogeneity.

hs - Headspace was present in the container used for analysis.

ht – The analysis was performed outside the method or client-specified holding time requirement.

ip - Recovery fell outside of control limits due to sample matrix effects.

j - The analyte concentration is reported below the standard reporting limit. The value reported is an estimate.

J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.

jl - The laboratory control sample(s) percent recovery and/or RPD were out of control limits. The reported concentration should be considered an estimate.

js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.

k – The calibration results for the analyte were outside of acceptance criteria, biased high, and the analyte was not detected in the sample.

lc - The presence of the analyte is likely due to laboratory contamination.

L - The reported concentration was generated from a library search.

nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.

pc - The sample was received with incorrect preservation or in a container not approved by the method. The value reported should be considered an estimate.

ve - The analyte response exceeded the valid instrument calibration range. The value reported is an estimate.

vo - The value reported fell outside the control limits established for this analyte.

x - The sample chromatographic pattern does not resemble the fuel standard used for quantitation.

408015

SAMPLE CHAIN OF CUSTODY

08/01/24 M1

Report To Kenny King
Company PERC
Address 8424 E Meadow Lake Drive
City, State, ZIP Snohomish, WA 98290
Phone 425-346-0921 Email KKing@PERC-NW.com

SAMPLERS (*signature*) Kenny King
PROJECT NAME: Superlon Plastics
PO#: SLON
REMARKS: Project Specific RLs - Yes / No
INVOICE TO: KKing@PERC-NW.com JKing@PERCNW.com

Page # _____ of _____

TURNAROUND TIME
Standard Turnaround
RUSH ASAP
Rush charges authorized by:

SAMPLE DISPOSAL
(Dispose after 30 days)
Archive Samples
Other

Sample ID	Lab ID	Date Sampled	Time Sampled	Sample Type	# of Jars	NWTPH-Dx	NWTPH-Gx	BTEX EPA 8021	VOCs EPA 8260	PAHs EPA 8270	PCBs EPA 8082	TCLP 1311 As/Pb only	pH 9045C				Notes
SO-TC-383A-080124	01	8/1/24	07:15	Soil	1							X	X				
SO-TC-383B-080124	02	8/1/24	07:30	Soil	1							X	X				
SO-TC-383C-080124	03	8/1/24	07:45	Soil	1							X	X				
								Samples received at						Ø	°C		

SIGNATURE	PRINT NAME	COMPANY	DATE	TIME
Relinquished by: Kenny King	Kenny King	PERC	8/1/24	10:55
Received by:	Anh Phan	FBI	08/01/24	12:37
Relinquished by:				
Received by:				

Friedman & Bruya, Inc.
5500 4th Avenue S
Seattle, WA 98108
Ph. (206) 285-8282

SAMPLE CONDITION UPON RECEIPT CHECKLIST

PROJECT # 408015 CLIENT PERC INITIALS/ DATE: AP 08/01/24

If custody seals are present on cooler, are they intact? ☑ NA ☐ YES ☐ NO

Cooler/Sample temperature Ø °C
Thermometer ID: Fluke 96312917

Were samples received on ice/cold packs? ☑ YES ☐ NO

How did samples arrive?
☐ Over the Counter ☑ Picked up by F&BI ☐ FedEx/UPS/GSO

Is there a Chain-of-Custody* (COC)? ☑ YES ☐ NO **Initials/ Date:** AP 08/01/24
*or other representative documents, letters, and/or shipping memos

Number of days samples have been sitting prior to receipt at laboratory Ø days

Are the samples clearly identified? (explain "no" answer below) ☑ YES ☐ NO

Were all sample containers received intact (i.e. not broken, leaking etc.)? (explain "no" answer below) ☑ YES ☐ NO

Were appropriate sample containers used? ☑ YES ☐ NO ☐ Unknown

If custody seals are present on samples, are they intact? ☑ NA ☐ YES ☐ NO

Are samples requiring no headspace, headspace free? ☑ NA ☐ YES ☐ NO

Is the following information provided on the COC, and does it match the sample label?
(explain "no" answer below)

Sample ID's	☑ Yes ☐ No	☐ Not on COC/label
Date Sampled	☑ Yes ☐ No	☐ Not on COC/label
Time Sampled	☑ Yes ☐ No	☐ Not on COC/label
# of Containers	☑ Yes ☐ No	
Relinquished	☑ Yes ☐ No	
Requested analysis	☑ Yes ☐ On Hold	

Other comments (use a separate page if needed)

Air Samples: Were any additional canisters/tubes received? ☑ NA ☐ YES ☐ NO

Number of unused TO15 canisters _____ **Number of unused TO17 tubes** _____

Analytical Resources, LLC
Analytical Chemists and Consultants
Tukwila, WA

07 May 2024

Kenny King
PERC-Pacific Environmental and Redevelopment Corp
8424 E Meadow Lake Drive
Snohomish, WA 98290

RE: Superlon Plastics (SLON)

Please find enclosed sample receipt documentation and analytical results for samples from the project referenced above.

Sample analyses were performed according to ARI's Quality Assurance Plan and any provided project specific Quality Assurance Plan. Each analytical section of this report has been approved and reviewed by an analytical peer, the appropriate Laboratory Supervisor or qualified substitute, and a technical reviewer.

Should you have any questions or problems, please feel free to contact us at your convenience.

Associated Work Order(s)	Associated SDG ID(s)
24D0666	N/A

Phillip Bates

Digitally signed by Phillip Bates
Date: 2024.05.07 09:16:51 -07'00'

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed in the enclose Narrative. ARI, an accredited laboratory, certifies that the report results for which ARI is accredited meets all the requirements of the accrediting body. A list of certified analyses, accreditations, and expiration dates is included in this report.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Analytical Resources, LLC

Phillip Bates, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

nelac
Cert# 100006-012

4611 S. 134th Place, Suite 100 • Tukwila, WA 98168 • Ph: (206) 695-6200 • Fax: (206) 695-6202

Chain of Custody Record & Laboratory Analysis Request

AR Assigned Number: 2400666	Turn-around Requested: 3 Day	Date: 4/29/2024	
AR Client Company: PERC	Phone: 425-346-0921	Page: of	
Client Contact: Kenny King		No. of Coolers:	Cooler Temps:
Client Project Name: Superlon Plastics			
Client Project #: SLON	Samplers: King		

Analytical Resources, LLC
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6202 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: TCLP 1311 As/Pb Only	Analysis Requested: pH 9045C	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Analysis Requested	Notes/Comments
SO-TC-445A-042924	04/29/24	10:30	Soil	1	✔	✔							
SO-TC-445B-042924	04/29/24	10:45	Soil	1	✔	✔							
SO-TC-445C-042924	04/29/24	11:00	Soil	1	✔	✔							

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
	(Signature) Kenny King	(Signature)	(Signature)	(Signature)
	Printed Name: Kenny King	Printed Name: Roman M.	Printed Name:	Printed Name:
	Company: PERC	Company: ARI	Company:	Company:
	Date & Time: 4/29/24 15:47	Date & Time: 4/29/24 1547	Date & Time:	Date & Time:

Limits of Liability: *Analytical Resources, LLC (AR) will perform all requested services in accordance with appropriate methodology following AR Standard Operating Procedures and the AR Quality Assurance Program. This program meets standards for the industry. The total liability of AR, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by AR release AR from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between AR and the Client.*

Sample Retention Policy: Unless specified by work order or contract, all water/soil samples submitted to AR will be discarded or returned, no sooner than 90 days after receipt or 60 days after submission of hard copy data, whichever is longer. Sediment samples submitted under PSDDA/PSEP/SMS protocol will be stored frozen for up to one year and then discarded.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:15

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SO-TC-445A-042924	24D0666-01	Solid	26-Apr-2024 10:30	29-Apr-2024 15:47
SO-TC-445B-042924	24D0666-02	Solid	26-Apr-2024 10:45	29-Apr-2024 15:47
SO-TC-445C-042924	24D0666-03	Solid	26-Apr-2024 11:00	29-Apr-2024 15:47

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:15

Work Order Case Narrative

Client: PERC-Pacific Environmental and Redevelopment Corp
Project: Superlon Plastics
Project Number: SLON
Work Order: 24D0666

Sample receipt

The sample(s) as listed on the preceding page were received 29-Apr-2024 15:47 under ARI work order 24D0666. For details regarding sample receipt, please refer to the Cooler Receipt Form.

Wet Chemistry

The sample(s) were prepared and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The blank spike (BS/LCS) percent recoveries were within control limits.

TCLP Metals

The sample(s) were leached, digested and analyzed within the recommended holding times.

Initial and continuing calibrations were within method requirements.

The method blank was clean at the reporting limits.

The matrix spike (MS) percent recoveries and the duplicate (DUP) relative percent difference (RPD) were within advisory control limits.

Analytical Resources, LLC
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: PERC
Project Name: Surplus Plastics
COC No(s): NA
Delivered by: Fed-Ex UPS Courier Hand Delivered Other:
Assigned ARI Job No: 24D0666
Tracking No: NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of the cooler? YES NO
Were custody papers included with the cooler? YES NO
Were custody papers properly filled out (ink, signed, etc.) YES NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)
Time 1547 1.2.9°
If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 9708
Cooler Accepted by: Date: 4/29/24 Time: 1547

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler? YES NO
What kind of packing material was used? Bubble Wrap Wet Ice Gel Packs Baggies Foam Block Paper Other:
Was sufficient ice used (if appropriate)? NA YES NO
How were bottles sealed in plastic bags? Individually Grouped Not
Did all bottles arrive in good condition (unbroken)? YES NO
Were all bottle labels complete and legible? YES NO
Did the number of containers listed on COC match with the number of containers received? YES NO
Did all bottle labels and tags agree with custody papers? YES NO
Were all bottles used correct for the requested analyses? YES NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs) NA YES NO
Were all VOC vials free of air bubbles? NA YES NO
Was sufficient amount of sample sent in each bottle? YES NO
Date VOC Trip Blank was made at ARI NA
Were the sample(s) split by ARI? NA YES Date/Time: Equipment: Split by:

Samples Logged by: Date: 4/29/24 Time: 1621 Labels checked by:

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:15

SO-TC-445A-042924

24D0666-01 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/26/2024 10:30

Instrument: ICP3 Analyst: SH — Analyzed: 05/03/2024 16:17

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0666-01 A 02

Preparation Batch: BME0010 — Sample Size: 25 mL (wet)

Prepared: 05/01/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0930	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0080	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:15

SO-TC-445A-042924

24D0666-01 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/26/2024 10:30

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/02/2024 14:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0666-01 A

Preparation Batch: BME0032 — Sample Size: 20.82 g (wet)

Prepared: 05/01/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.40	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:15

SO-TC-445B-042924

24D0666-02 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/26/2024 10:45

Instrument: ICP3 Analyst: SH — Analyzed: 05/03/2024 16:11

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0666-02 A 02

Preparation Batch: BME0010 — Sample Size: 25 mL (wet)

Prepared: 05/01/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.124	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0160	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:15

SO-TC-445B-042924

24D0666-02 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/26/2024 10:45

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/02/2024 14:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0666-02 A

Preparation Batch: BME0032 — Sample Size: 20.26 g (wet)

Prepared: 05/01/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.36	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:15

SO-TC-445C-042924

24D0666-03 (Solid)

TCLP Metals and Metallic Compounds

Method: EPA 6010D — Sampled: 04/26/2024 11:00

Instrument: ICP3 Analyst: SH — Analyzed: 05/03/2024 16:14

Sample Preparation: Preparation Method: LEN Digestion of EPA 1311 Elutriate — Extract ID: 24D0666-03 A 02

Preparation Batch: BME0010 — Sample Size: 25 mL (wet)

Prepared: 05/01/2024 — Final Volume: 25 mL

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
Arsenic	7440-38-2	5	0.0140	0.250	0.0835	mg/L	J
Lead	7439-92-1	5	0.0065	0.100	0.0105	mg/L	J

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:15

SO-TC-445C-042924

24D0666-03 (Solid)

Wet Chemistry

Method: EPA 9045D — Sampled: 04/26/2024 11:00

Instrument: Accumet AB150 Analyst: SRB — Analyzed: 05/02/2024 14:40

Sample Preparation: Preparation Method: No Prep Wet Chem — Extract ID: 24D0666-03 A

Preparation Batch: BME0032 — Sample Size: 20.5 g (wet)

Prepared: 05/01/2024 — Final Volume: 20 g

Analyte	CAS Number	Dilution	Detection Limit	Reporting Limit	Result	Units	Notes
pH		1	0.01	0.01	9.29	pH Units	

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:15

Analysis by: Analytical Resources, LLC

TCLP Metals and Metallic Compounds - Quality Control

Batch BME0010 - EPA 6010D

Instrument: ICP3 Analyst: SH

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Blank (BME0010-BLK1)				Prepared: 01-May-2024 Analyzed: 03-May-2024 16:04							
Arsenic	0.0835	0.0140	0.250	mg/L							J
Lead	0.0105	0.0065	0.100	mg/L							J
Duplicate (BME0010-DUP1)		**Source: 24D0666-01**		Prepared: 01-May-2024 Analyzed: 03-May-2024 16:20							
Arsenic	ND	0.0140	0.250	mg/L		0.0930					U
Lead	ND	0.0065	0.100	mg/L		0.0080					U
Matrix Spike (BME0010-MS1)		**Source: 24D0666-01**		Prepared: 01-May-2024 Analyzed: 03-May-2024 16:24							
Arsenic	3.98	0.0140	0.250	mg/L	4.00	0.0930	97.1	75-125			
Lead	3.61	0.0065	0.100	mg/L	4.00	0.0080	90.0	75-125			

Recovery limits for target analytes in MS/MSD QC samples are advisory only.

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:15

Instrument: Accumet AB150 Analyst: SRB

QC Sample/Analyte	Result	Detection Limit	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
LCS (BME0032-BS1)				Prepared: 01-May-2024 Analyzed: 02-May-2024 14:40							
pH	7.00	0.01	0.01	pH Units	7.00		100	99.2-100.8			

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:15

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010D in Solid	
Arsenic	NELAP,WADOE
Lead	NELAP,WADOE,DoD-ELAP
EPA 9045D in Solid	
pH	WADOE,DoD-ELAP,NELAP

Code	Description	Number	Expires
ADEC	Alaska Dept of Environmental Conservation	17-015	03/28/2025
DoD-ELAP	DoD-Environmental Laboratory Accreditation Program, PJLA Testing	66169	02/28/2025
NELAP	ORELAP - Oregon Laboratory Accreditation Program	WA100006-012	05/12/2024
WADOE	WA Dept of Ecology	C558	06/30/2024
WA-DW	Ecology - Drinking Water	C558	06/30/2024

PERC-Pacific Environmental and Redevelopment Corp	Project: Superlon Plastics	
8424 E Meadow Lake Drive	Project Number: SLON	**Reported:**
Snohomish WA, 98290	Project Manager: Kenny King	07-May-2024 09:15

Notes and Definitions

B	This analyte was detected in the method blank.
D	The reported value is from a dilution
J	Estimated concentration value detected below the reporting limit.
U	This analyte is not detected above the reporting limit (RL) or if noted, not detected above the limit of detection (LOD).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
[2C]	Indicates this result was quantified on the second column on a dual column analysis.