



Pacific Power
825 NE Multnomah, Ste. 1700
Portland, OR 97231

November 9, 2022

Sent via email: ppenvirocomp@pacificcorp.com

RE: 6504 Postma Road, Moxee, WA NWFF Project #8441-092222PC

Dear Mr. King,

On September 22, 2022, NWFF Environmental received a call reporting a release of less than one gallon of dielectric oil onto soil at 6504 Postma Road, Moxee, Washington. The oil was released from a 5-kva pole mounted transformer onto the underlying soil and an irrigation hose due to an internal fault. The transformer was identified as a General Electric with serial number 9281848. NWFF utilized Jaco Analytical, Inc. a State of Washington Department of Ecology (DOE) approved lab, in Ephrata, WA for quantitative analysis for characterization of the released oil. The released oil was found to be 88 ppm PCBs. The DOE has received a copy of this Letter Report for Incident #22-3788. This letter report summarizes the actions taken and laboratory results from the corrective actions taken at the subject site.

NWFF arrived and hand excavated a 1 square foot area to a maximum depth of 1 inch below ground surface. Due to the shallow depth of the excavation no backfilling was necessary. NWFF transported 0.035 tons of impacted soil and associated cleanup materials to the Chemical Waste Management facility in Arlington, OR which is a DOE permitted disposal facility.

NWFF collected 1 confirmation soil sample from the center of the excavation site after qualitative field soil screening methods indicated the area was successfully excavated. NWFF submitted the sample under chain of custody procedures to APEX Labs, a DOE approved lab, in Tigard, OR for quantitative analysis of PCBs and NWTPh-Dx including Mineral Oil. Laboratory analyses of the collected soil sample provides data indicating that the contamination was successfully removed.

NWFF Environmental appreciates the opportunity to provide technical and professional environmental services. Please let our team know if you have questions regarding this project.

Respectfully,

A handwritten signature in black ink that reads "Jenifer Eveler". The script is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

Jenifer Eveler
Sr. Project Coordinator
NWFF, Inc.

Attachments Photo Log, Figures, Analytical, Disposal, Misc. Documents

Attachment A



1. Transformer nameplate



2. Upon arrival, facing south



3. Upon arrival, facing east



4. Upon arrival, facing west



5.

Collecting transformer oil sample



6.

Start of excavation



7.

Excavation complete



8.

Confirmation sample collected (8441-SS1)



- | | |
|----|---|
| 9. | 8441-SS1 & Oil Detect results less than 500 ppm TPH |
|----|---|



- | | |
|-----|--------------|
| 10. | Job complete |
|-----|--------------|

Attachment B

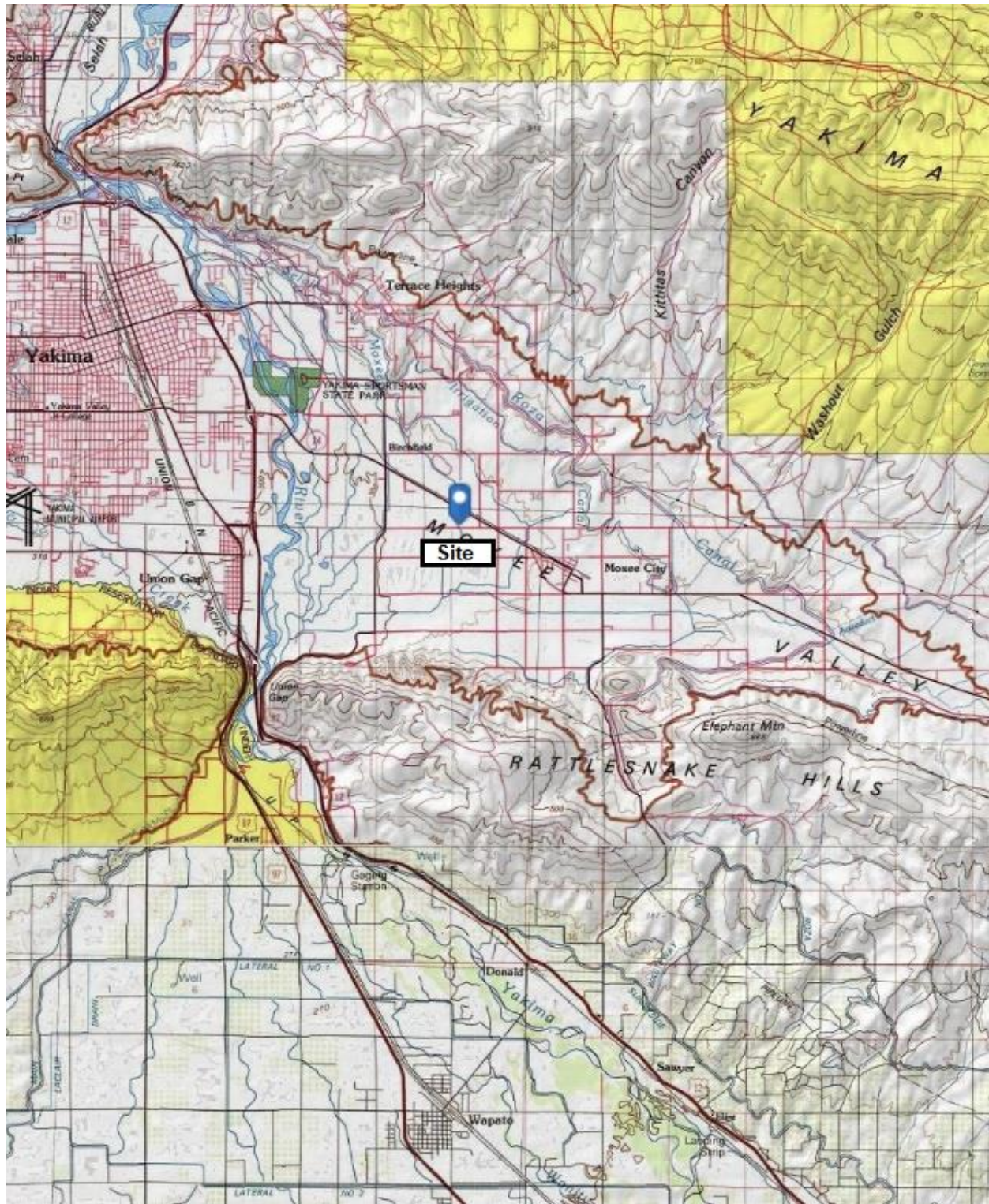


Date: 11/3/2022
 Drawn by: FJ
 Project #: 8441
 Scale: Not to Scale

Site Location Map
6504 Postma Road
Moxee, WA

Figure 1



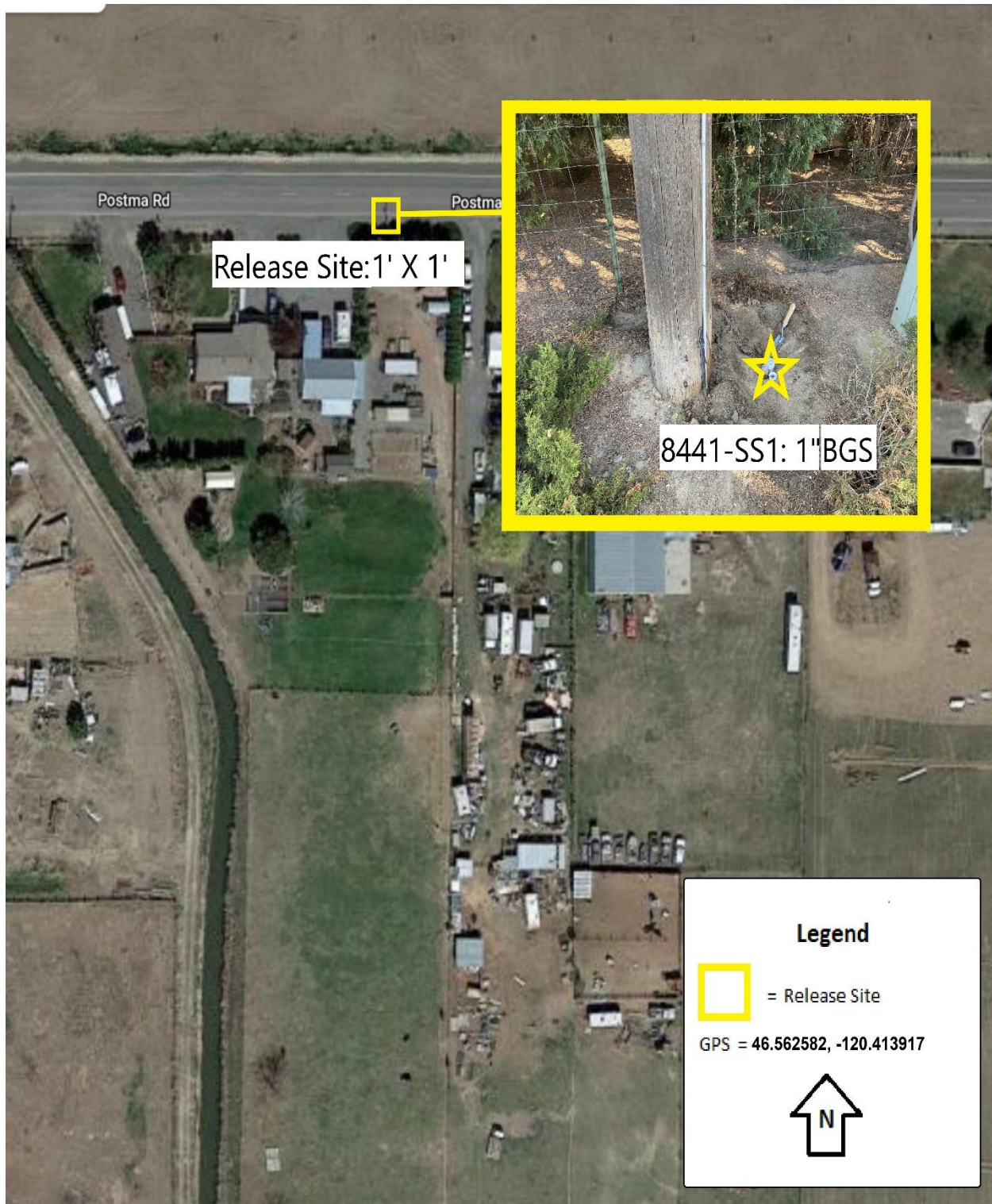


Date: 11/3/2022
 Drawn by: FJ
 Project #: 8441
 Scale: Not to Scale

Site Vicinity Map
6504 Postma Road
Moxee, WA

Figure 2





Date: 11/3/2022
Drawn by: FJ
Project #: 8441
Scale: Not to Scale

Site Map
6504 Postma Road
Moxee, WA

Figure 3



Attachment C

JACO ANALYTICAL, Inc. PCB TEST REPORT

09/23/2022

3261

NWFF ENVIRONMENTAL
106 S. 11TH STREET
PHILOMATH OR 97370
Attn: ROSS MCMAKIN

JACO ANALYTICAL, Inc.
103 12th Ave SW
EPHRATA, WA 98823
Thomas C Shore, Director

Report Number: 37E02486 PO number: 8441

Results relate only to samples.

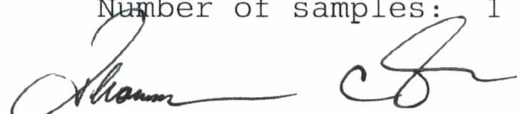
Received on: 09/23/2022 Analyzed on: 09/23/2022

Refer to Customer Chain of Custody for date and time of sample collection.
Contact the lab at 509-754-5725 if you have any questions.

Sample#	SERIAL NO.	COMPANY ID.	AROCOR	RESULTS	MATRIX
E37C2761	9281848		1254/60	88	OIL

The following table lists methods, units and reporting limits.

MATRIX	EXTRACTION METHOD	REPORTING ND LIMIT	UNITS	TEST METHOD
-----	-----	-----	-----	-----
OIL	3580A/3665A	< 1.0	MILLIGRAMS/KILOGRAM	8082A
SOIL	3540C/3665A	< 0.1	MICROGRAMS/GRAM	8082A
WIPE	3540C/3665A	< 1.0	MICROGRAMS/WIPE	8082A
WATER	3510C/3665A	< 0.2	MICROGRAMS/LITER	8082A



JACO Analytical Batch QC Report

9/27/2022

	JAL Number	TCMX (%) Recovery	DCBP (%) Recovery	Aroclor(s)	Concentration (ppm)
1	E37C2761	99	103	1254/60	88
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					

TCMX Recovery (%)	
Upper Limit:	129.9
Lower Limit:	69.9

DCBP Recovery (%)	
Upper Limit:	133.3
Lower Limit:	71.8

Laboratory Check Standard		
Upper Limit:	57.5 (ppm)	115%
50 ppm / 1254	49.7	99.4%
Lower Limit:	42.5 (ppm)	85%

Laboratory Spike Recovery	
Sample #	E37C2776
Spike	51.70
Sample	0.00
Dup/Spike	51.10
Spike Recovery	103.4%
%RSD	1.2%

Laboratory Control Sample		
Upper Limit:	60 (ppm)	120%
50 ppm / 1260	49.0	98.0%
Lower Limit:	40 (ppm)	80%

GC #	10
Analyst	Tina Ferrill

Chain of Custody-Sample Form

JACO Analytical Laboratory

103 12th Ave. SW * Ephrata, WA 98823 * (509) 754-5725 * E-mail: customerservice@jacotesting.com

Company*:	NUFF Environmental	Date Collected*:	9/22/22
Address:	Po Box 188	Oil Temp*:	°C
City, State:	Philomath, OR 97370	Sampled By:	
Phone:	541-929-4884	Oil Type:	Please check one of the following
E-mail / Fax:		Mineral	
Substation*:		R-Temp	
Unit #:		Silicone	
Company ID:		Soybean-based nature ester FR3 / Enviro Temp	
Mfg:	General Electric	High oleic natural ester - BIO Temp	
Serial #*:	9281848	Synthetic ester - MIDEL 7131	
Cooling Type:		Gallons:	
KV*:	5	MVA:	
Apparatus Type:	TRW	Contact Person:	
		Purchase Order#:	

Apparatus abbreviations: TRN-transformer / LTC-load tap changer / SW-switch / OCB-oil circuit breaker / RX-reactor / SEL-selector / ESP-precipitator

*Critical information about the apparatus that the laboratory needs.

SYRINGE NO.:	
BOTTLE NO.:	

Mark the box below each test desired for this sample.

D-3612C Dissolved Gas	D-971 IFT	D-1500 Color	D-877 Dielectric	D-924 Power Factor 25°C	D-1298 Sp. Gravity	D-1275B Corrosive Sulfur	D-6595 Metals	PCB's
								<input checked="" type="checkbox"/>
D-1533 Moisture	D-974 Acid	D-1524 Visual	D-1816 Dielectric	D-924 Power Factor 100°C	D-5837 Furans	D-1698 Sediment	D-2668 Inhibitor	Other Test

If selecting D-1816, please specify 1mm or 2mm

Comments: Call Lacey with results, 509 727 0795 Job # 8441

Notes: It is very important that all sample containers are full, and lids tightly secured.
Syringes must have the 3-way valve in the closed position to prevent leakage.

Paper work for each sample must be filled out completely!
Transformer information (BOLD type) is needed for correct IEEE interpretation.

ALL SYRINGES TO BE RETURNED WITHIN 90 DAYS!



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

Thursday, October 6, 2022

Lacey Holzer

NWFF

PO Box 188

Philomath, OR 97370

RE: A2I0957 - Moxee, WA - 8441-PP

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A2I0957, which was received by the laboratory on 9/28/2022 at 10:47:00AM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: dthomas@apex-labs.com, or by phone at 503-718-2323.

Please note: All samples will be disposed of within 30 days of sample receipt, unless prior arrangements have been made.

Cooler Receipt Information

(See Cooler Receipt Form for details)

Cooler #1

1.9 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.

All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.



Apex Laboratories

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Darwin Thomas, Business Development Director



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

NWFF
PO Box 188
Philomath, OR 97370

Project: Moxee, WA
Project Number: 8441-PP
Project Manager: Lacey Holzer

Report ID:
A210957 - 10 06 22 1248

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
8441-SS1	A210957-01	Soil	09/22/22 10:36	09/28/22 10:47

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**ANALYTICAL REPORT****Apex Laboratories, LLC**

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

NWFF**PO Box 188****Philomath, OR 97370**Project: **Moxee, WA**Project Number: **8441-PP**Project Manager: **Lacey Holzer****Report ID:****A2I0957 - 10 06 22 1248****ANALYTICAL SAMPLE RESULTS****Diesel and/or Oil Hydrocarbons by NWTPH-Dx**

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
8441-SS1 (A2I0957-01)				Matrix: Soil		Batch: 22J0110		
Diesel	ND	---	20.4	mg/kg dry	1	10/05/22 05:25	NWTPH-Dx	
Oil	ND	---	40.7	mg/kg dry	1	10/05/22 05:25	NWTPH-Dx	
Mineral Oil	43.0	---	40.7	mg/kg dry	1	10/05/22 05:25	NWTPH-Dx	
<i>Surrogate: o-Terphenyl (Surr)</i>		<i>Recovery: 73 %</i>		<i>Limits: 50-150 %</i>	<i>1</i>	<i>10/05/22 05:25</i>	<i>NWTPH-Dx</i>	

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6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

NWFF

PO Box 188

Philomath, OR 97370

Project: **Moxee, WA**Project Number: **8441-PP**Project Manager: **Lacey Holzer****Report ID:****A2I0957 - 10 06 22 1248**

ANALYTICAL SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
8441-SS1 (A2I0957-01)				Matrix: Soil		Batch: 22J0079		C-07
Aroclor 1016	ND	---	0.0103	mg/kg dry	1	10/04/22 18:56	EPA 8082A	
Aroclor 1221	ND	---	0.0103	mg/kg dry	1	10/04/22 18:56	EPA 8082A	
Aroclor 1232	ND	---	0.0103	mg/kg dry	1	10/04/22 18:56	EPA 8082A	
Aroclor 1242	ND	---	0.0103	mg/kg dry	1	10/04/22 18:56	EPA 8082A	
Aroclor 1248	ND	---	0.0103	mg/kg dry	1	10/04/22 18:56	EPA 8082A	
Aroclor 1254	0.0156	---	0.0103	mg/kg dry	1	10/04/22 18:56	EPA 8082A	P-12
Aroclor 1260	0.0144	---	0.0103	mg/kg dry	1	10/04/22 18:56	EPA 8082A	P-12
<i>Surrogate: Decachlorobiphenyl (Surr)</i>		<i>Recovery: 89 %</i>		<i>Limits: 60-125 %</i>	<i>1</i>	<i>10/04/22 18:56</i>	<i>EPA 8082A</i>	

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503-718-2323
ORELAP ID: OR100062

NWFF
PO Box 188
Philomath, OR 97370

Project: **Moxee, WA**
Project Number: **8441-PP**
Project Manager: **Lacey Holzer**

Report ID:
A2I0957 - 10 06 22 1248

ANALYTICAL SAMPLE RESULTS

Percent Dry Weight

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
8441-SS1 (A2I0957-01)				Matrix: Soil		Batch: 22I0990		
% Solids	90.4	---	1.00	%	1	09/30/22 06:35	EPA 8000D	

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ORELAP ID: OR100062

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PO Box 188

Philomath, OR 97370

Project: Moxee, WA

Project Number: 8441-PP

Project Manager: Lacey Holzer

Report ID:

A210957 - 10 06 22 1248

QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22J0110 - EPA 3546 (Fuels)						Soil						
Blank (22J0110-BLK1)		Prepared: 10/04/22 16:17 Analyzed: 10/04/22 21:32										
NWTPH-Dx												
Diesel	ND	---	18.2	mg/kg wet	1	---	---	---	---	---	---	
Oil	ND	---	36.4	mg/kg wet	1	---	---	---	---	---	---	
Mineral Oil	ND	---	36.4	mg/kg wet	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 103 %		Limits: 50-150 %		Dilution: 1x						
LCS (22J0110-BS1)		Prepared: 10/04/22 16:17 Analyzed: 10/04/22 21:53										
NWTPH-Dx												
Diesel	121	---	20.0	mg/kg wet	1	125	---	97	38 - 132%	---	---	
Surr: o-Terphenyl (Surr)		Recovery: 98 %		Limits: 50-150 %		Dilution: 1x						

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503-718-2323

ORELAP ID: OR100062

NWFF

PO Box 188

Philomath, OR 97370

Project: **Moxee, WA**Project Number: **8441-PP**Project Manager: **Lacey Holzer****Report ID:****A210957 - 10 06 22 1248**

QUALITY CONTROL (QC) SAMPLE RESULTS

Polychlorinated Biphenyls by EPA 8082A

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22J0079 - EPA 3546						Soil						
Blank (22J0079-BLK1)		Prepared: 10/04/22 09:58 Analyzed: 10/04/22 17:45										C-07
EPA 8082A												
Aroclor 1016	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1221	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1232	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1242	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1248	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1254	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Aroclor 1260	ND	---	0.00909	mg/kg wet	1	---	---	---	---	---	---	
Surr: Decachlorobiphenyl (Surr)		Recovery: 93 %		Limits: 60-125 %		Dilution: 1x						
LCS (22J0079-BS1)		Prepared: 10/04/22 09:58 Analyzed: 10/04/22 18:03										C-07
EPA 8082A												
Aroclor 1016	0.177	---	0.0100	mg/kg wet	1	0.250	---	71	47 - 134%	---	---	
Aroclor 1260	0.213	---	0.0100	mg/kg wet	1	0.250	---	85	53 - 140%	---	---	
Surr: Decachlorobiphenyl (Surr)		Recovery: 96 %		Limits: 60-125 %		Dilution: 1x						
Duplicate (22J0079-DUP1)		Prepared: 10/04/22 09:58 Analyzed: 10/04/22 19:32										C-07
QC Source Sample: 8441-SS1 (A210957-01)												
EPA 8082A												
Aroclor 1016	ND	---	0.0106	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1221	ND	---	0.0106	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1232	ND	---	0.0106	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1242	ND	---	0.0106	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1248	ND	---	0.0106	mg/kg dry	1	---	ND	---	---	---	30%	
Aroclor 1254	ND	---	0.0106	mg/kg dry	1	---	0.0156	---	---	***	30%	Q-05
Aroclor 1260	ND	---	0.0106	mg/kg dry	1	---	0.0144	---	---	***	30%	Q-05
Surr: Decachlorobiphenyl (Surr)		Recovery: 74 %		Limits: 60-125 %		Dilution: 1x						

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Project: Moxee, WA
Project Number: 8441-PP
Project Manager: Lacey Holzer

Report ID:
A210957 - 10 06 22 1248

QUALITY CONTROL (QC) SAMPLE RESULTS

Percent Dry Weight

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 2210990 - Total Solids (Dry Weight)							Soil					

No Client related Batch QC samples analyzed for this batch. See notes page for more information.

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6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

NWFF

PO Box 188

Philomath, OR 97370

Project: **Moxee, WA**Project Number: **8441-PP**Project Manager: **Lacey Holzer****Report ID:****A210957 - 10 06 22 1248****SAMPLE PREPARATION INFORMATION****Diesel and/or Oil Hydrocarbons by NWTPH-Dx****Prep: EPA 3546 (Fuels)**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 22J0110							
A210957-01	Soil	NWTPH-Dx	09/22/22 10:36	10/04/22 16:17	10.87g/5mL	10g/5mL	0.92

Polychlorinated Biphenyls by EPA 8082A**Prep: EPA 3546**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 22J0079							
A210957-01	Soil	EPA 8082A	09/22/22 10:36	10/04/22 09:58	10.7g/5mL	10g/5mL	0.94

Percent Dry Weight**Prep: Total Solids (Dry Weight)**

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 22I0990							
A210957-01	Soil	EPA 8000D	09/22/22 10:36	09/29/22 21:04			NA

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PO Box 188
Philomath, OR 97370

Project: **Moxee, WA**
Project Number: **8441-PP**
Project Manager: **Lacey Holzer**

Report ID:
A210957 - 10 06 22 1248

QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

Apex Laboratories

- C-07** Extract has undergone Sulfuric Acid Cleanup by EPA 3665A, Sulfur Cleanup by EPA 3660B, and Florisil Cleanup by EPA 3620B in order to minimize matrix interference.
- P-12** Result estimated due to the presence of multiple PCB Aroclors and/or PCB congeners not defined as Aroclors.
- Q-05** Analyses are not controlled on RPD values from sample and duplicate concentrations that are below 5 times the reporting level.

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503-718-2323

ORELAP ID: OR100062

NWFF

PO Box 188

Philomath, OR 97370

Project: **Moxee, WA**

Project Number: **8441-PP**

Project Manager: **Lacey Holzer**

Report ID:

A210957 - 10 06 22 1248

REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.
ND Analyte NOT DETECTED at or above the detection or reporting limit.
NR Result Not Reported.
RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).

If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

Reporting Limits: Limit of Quantitation (LOQ)

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

Reporting Conventions:

Basis: Results for soil samples are generally reported on a 100% dry weight basis.
The Result Basis is listed following the units as "dry", "wet", or " " (blank) designation.

"dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")
See Percent Solids section for details of dry weight analysis.

"wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

QC Source:

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) are not included in this report. Please request a Full QC report if this data is required.

Miscellaneous Notes:

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" *** " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).
-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.
-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.
For further details, please request a copy of this document.

Apex Laboratories

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

Darwin Thomas, Business Development Director



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: OR100062

NWFF
PO Box 188
Philomath, OR 97370

Project: **Moxee, WA**
Project Number: **8441-PP**
Project Manager: **Lacey Holzer**

Report ID:
A210957 - 10 06 22 1248

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

Sampling and Preservation Notes:

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

Apex Laboratories

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Philomath, OR 97370

Project: **Moxee, WA**

Project Number: **8441-PP**

Project Manager: **Lacey Holzer**

Report ID:

A210957 - 10 06 22 1248

LABORATORY ACCREDITATION INFORMATION

ORELAP Certification ID: OR100062 (Primary Accreditation)

EPA ID: OR01039

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation

Secondary Accreditations

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.

Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provided by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

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ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street
Tigard, OR 97223
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ORELAP ID: OR100062

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PO Box 188
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Project: Moxee, WA
Project Number: 8441-PP
Project Manager: Lacey Holzer

Report ID:
A210957 - 10 06 22 1248

APEX LABS 6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323		CHAIN OF CUSTODY		Lab # <u>A210957</u> of <u>COC</u>	
Company: <u>NWFF Environmental</u>		Project Mgr: <u>Lacey Holzer</u>		Project Name: <u>Moxee, WA</u>	
Address: <u>PO Box 188 Philomath, OR 97370</u>		Phone: <u>541-924-4884</u>		Email: <u>NWFF group</u>	
Sampled by: <u>Jim Cook</u>		Project #:		Project #:	
Site Location:		PO #		PO #	
OR <u>WA</u> CA		ANALYSIS REQUEST		ANALYSIS REQUEST	
AK ID		8081 Pest		8082 PCBs	
SAMPLE ID		8270 Semi-Vols Full List		8270 SIM PAHs	
LAB ID #		8260 VOCs Full List		8260 Halo VOCs	
DATE		8260 RBDM VOCs		8260 BTEX	
TIME		NWTPH-GX		NWTPH-DX	
MATRIX		NWTPH-HCID		NWTPH-HCID	
# OF CONTAINERS		1		1	
TCLP Metals (8)		X		X	
Priority Metals (13)		X		X	
Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mn, Mo, Ni, K, Se, Ag, Na, Ti, V, Zn		X		X	
TOTAL DISS. TCLP		X		X	
TCLP Metals (8)		X		X	
Mineral oil		X		X	
Archive		X		X	
SPECIAL INSTRUCTIONS:		SPECIAL INSTRUCTIONS:		SPECIAL INSTRUCTIONS:	
Normal Turn Around Time (TAT) = 10 Business Days		Normal Turn Around Time (TAT) = 10 Business Days		Normal Turn Around Time (TAT) = 10 Business Days	
TAT Requested (circle)		1 Day 2 Day 3 Day 4 DAY 5 DAY Other:		TAT Requested (circle)	
SAMPLES ARE HELD FOR 30 DAYS		SAMPLES ARE HELD FOR 30 DAYS		SAMPLES ARE HELD FOR 30 DAYS	
RELINQUISHED BY:		RELINQUISHED BY:		RELINQUISHED BY:	
Signature: <u>Lacey Holzer</u>		Signature: <u>Lacey Holzer</u>		Signature: <u>Lacey Holzer</u>	
Date: <u>9/10/06</u>		Date: <u>9/10/06</u>		Date: <u>9/10/06</u>	
Printed Name: <u>Lacey Holzer</u>		Printed Name: <u>Lacey Holzer</u>		Printed Name: <u>Lacey Holzer</u>	
Time: <u>1016</u>		Time: <u>1047</u>		Time: <u>1047</u>	
Company: <u>NWFF</u>		Company: <u>NWFF</u>		Company: <u>NWFF</u>	

Apex Laboratories

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Darwin Thomas

Darwin Thomas, Business Development Director



ANALYTICAL REPORT

Apex Laboratories, LLC

6700 S.W. Sandburg Street

Tigard, OR 97223

503-718-2323

ORELAP ID: OR100062

NWFF

PO Box 188

Philomath, OR 97370

Project: Moxee, WA

Project Number: 8441-PP

Project Manager: Lacey Holzer

Report ID:

A210957 - 10 06 22 1248

APEX LABS COOLER RECEIPT FORM

Client: NWFF Environmental? Element WO#: A2 10457

Project/Project #: Moxee, WA / 8441-PP

Delivery Info:

Date/time received: 9/25/10 @ 1047 By: [Signature]

Delivered by: Apex Client ESS FedEx X UPS Swift Senvoy SDS Other

Cooler Inspection Date/time inspected: 9/25/10 @ 1047 By: [Signature]

Chain of Custody included? Yes X No Custody seals? Yes No X

Signed/dated by client? Yes X No

Signed/dated by Apex? Yes X No

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	1.9						
Received on ice? (Y/N)	Y						
Temp. blanks? (Y/N)	Y						
Ice type: (Gel/Real/Other)	Gel						
Condition:	Good						

Cooler out of temp? (Y/N) Possible reason why:

Green dots applied to out of temperature samples? Yes No

Out of temperature samples form initiated? Yes No

Sample Inspection: Date/time inspected: 9/25/10 @ 1049 By: [Signature]

All samples intact? Yes X No Comments:

Bottle labels/COCs agree? Yes X No Comments:

COC/container discrepancies form initiated? Yes No X

Containers/volumes received appropriate for analysis? Yes X No Comments:

Do VOA vials have visible headspace? Yes No NA X

Comments:

Water samples: pH checked: Yes No NA X pH appropriate? Yes No NA X

Comments:

Additional information:

Labeled by: [Signature]

Witness: [Signature]

Cooler Inspected by: [Signature]

Form Y-003 R-00 -

Apex Laboratories

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Darwin Thomas, Business Development Director

Attachment D



INVOICE

Customer ID:**20-16057-63003**

Customer Name:

NWFF ENVIRONMENTAL

Service Period:

11/02/2022

Invoice Date:

0037358-2236-7

Invoice Number:

How to Contact Us**Visit wmsolutions.com**

Log in to view, download or share disposal records and reports (where available) or fill out a form to get in touch. To pay a bill or explore our other online tools, visit wm.com/MYWM.



Customer Service:
(541) 454-2030

Your Payment is Due**Due Upon Receipt**

If full payment of the invoiced amount is not received within your contractual terms, you may be charged a monthly late charge of 2.5% of the unpaid amount, with a minimum monthly charge of \$5, or such late charge allowed under applicable law, regulation or contract.

Your Total Due**\$121.71****Previous Balance**

0.00

+

Payments

0.00

+

Adjustments

0.00

+

Current Invoice Charges

121.71

=

Total Account Balance Due**121.71****IMPORTANT MESSAGES**

AS REQUIRED BY 40 CFR 264.12 (b). WM IS NOTIFYING YOU THAT THIS FACILITY HAS THE APPROPRIATE PERMIT(S) FOR AND WILL ACCEPT THE WASTE YOU THE GENERATOR IS SHIPPING.

Please be advised that due to the recent implementation of the eManifest system combined, with the specialized invoice format you have requested, we are unable to provide information regarding your previous balance, payments, adjustments or the total due for your entire account.



----- Please detach and send the lower portion with payment ----- (no cash or staples) -----



CHEMICAL WASTE MANAGEMENT
OF THE NORTHWEST, INC.
720 4TH AVENUE SUITE 400
KIRKLAND, WA 98033-8136
(541) 454-2030

Invoice Date	Invoice Number	Customer ID (Include with your payment)
11/02/2022	0037358-2236-7	20-16057-63003
Payment Terms	Total Due	Amount
Due Upon Receipt	\$121.71	

2236000201605763003000373580000001217100000012171 8

I2236L54

NWFF ENVIRONMENTAL
PO BOX 188
PHILOMATH OR 97370-0188

Remit To: **WM CORPORATE SERVICES, INC.**
AS PAYMENT AGENT
PO BOX 660345
DALLAS, TX 75266-0345

DETAILS OF SERVICE

Details for Service Location:

Nwff Environmental, PO Box 188, Philomath OR 97370-0188

Customer ID: 20-16057-63003

PO#: 8441PP

Description	Date	Ticket	Quantity	Unit of Measure	Rate	Amount
TSCA HAZ WASTE	10/28/22	61379	1.00	ECH	0.00	0.00
Profile # :OR352234						0.00
Generator #:PACIFIC POWER 6504 POSTMA RD YAKIMA WA 9890						0.00
Manifest # :017327642FLE						0.00
PO# :8441PP						0.00
Ticket Total						0.00

EASY WAYS TO PAY

**AutoPay**Set up recurring payments with us at wm.com/myaccount.**Online**Use wm.com or **My WM** for a quick and easy payment.**By Phone**Pay 24/7 by calling **866-964-2729****By Mail**

Fill out your invoice and mail it in. We'll provide the envelope.

HOW TO READ YOUR INVOICE

How to Contact Us

Visit wm.com/MyWM

Create a **My WM** profile for easy access to your pickup schedule, service alerts and online tools for billing and more. Have a question? Check our support center or start a chat.

Customer Service: (775) 329-8822

Your Payment is Due

January 1, 1968

If full payment of the invoice amount is not received within your contract terms, you may be charged a monthly late charge of 2.5% of the unpaid amount, with a minimum monthly charge of \$5, or such late charge allowed under applicable law, regulation or contract.

Your Total Due

\$124.73

1 If payment is received after 01/01/1968: \$126.60

2 Previous Balance

119.68

+

Payments

(119.68)

+

Adjustments

0.00

+

Current Invoice Charges

124.73

=

Total Account Balance Due

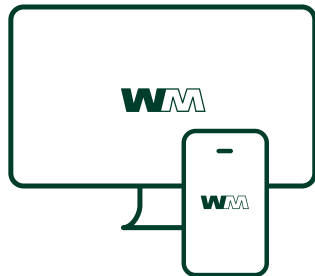
124.73

Details for Service Location:
311 Jackson Street, Stockton CA 95202

Customer ID: 2-62290-00885
PO Numbers: 45693

Description	Date	Ticket	Quantity	Amount
3 Toner Toner	01/01/68		1.00	90.00
Extra Pickup Service	01/01/68		1.00	0.00
Fuel/Environmental Charge	01/01/68	5934	1.00	15.00
Total Current Charges				124.73

- States the date payment is due to **WM**. Anything beyond that date may incur additional charges. Your Total Due is the total amount of current charges and any previous unpaid balances combined.
- Previous balance is the total due from your previous invoice. We subtract any Payments Received/Adjustments and add your Current Charges from this billing cycle to get a Total Due on this invoice. If you have not paid all or a portion of your previous balance, please pay the entire Total Due to avoid a late charge or service interruption.
- Service location details the total current charges of this invoice.



Get More with My WM

Scan to enroll in AutoPay & Paperless Billing, manage your services, view your pickup schedule and see your pickup ETA, all in one place.

Scan the QR code to get started today!



Visit wm.com/MyWM

If your service is suspended for non-payment, you may be charged a Resume charge to restart your service. For each returned check, a charge will be assessed on your next invoice equal to the maximum amount permitted by applicable state law.

<input type="checkbox"/> Check Here to Change Contact Info		<input type="checkbox"/> Check Here to Sign Up for Automatic Payment Enrollment	
List your new billing information below. For a change of service address, please contact WM .		If I enroll in Automatic Payment services, I authorize WM to pay my invoice by electronically deducting money from my bank account. I can cancel authorization by notifying WM at wm.com or by calling the customer service number listed on my invoice. Your enrollment could take 1-2 billing cycles for Automatic Payments to take effect. Continue to submit payment until page one of your invoice reflects that your payment will be deducted.	
Address 1		Email	
Address 2		Date	
City		Bank Account	
State		Holder Signature	
Zip			
Email			
Date Valid			

NOTICE: By sending your check, you are authorizing the Company to use information on your check to make a one-time electronic debit to your account at the financial institution indicated on your check. The electronic debit will be for the amount of your check and may occur as soon as the same day we receive your check.

In order for us to service your account or to collect any amounts you may owe (for non-marketing or solicitation purposes), we may contact you by telephone at any telephone number that you provided in connection with your account, including wireless telephone numbers, which could result in charges to you. Methods of contact may include text messages and using pre-recorded/artificial voice messages and/or use of an automatic dialing device, as applicable. We may also contact you by email or other methods as provided in our contract.

Please send all bankruptcy correspondence to RMCbankruptcy@wm.com or PO Box 43290 Phoenix, AZ 85080. Using the email option will expedite your request. (this language is in compliance with 11 USC 342(c)(2) of the Bankruptcy Code)

**Customer ID:****20-16057-63003**

Customer Name:

NWFF ENVIRONMENTAL

Service Period:

11/02/2022

Invoice Date:

Invoice Number:

0037358-2236-7

DETAILS OF SERVICE - continued**Details for Service Location:****Customer ID: 20-16057-63003****Nwff Environmental, PO Box 188, Philomath OR 97370-0188****PO#: 8441PP**


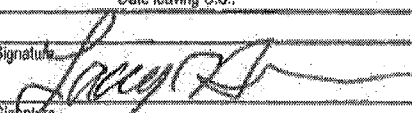

Description	Date	Ticket	Quantity	Unit of Measure	Rate	Amount
TSCA HAZ WASTE	10/31/22	61647	1.00	ECH	65.83	65.83
Standard Environmental Fee - Percent (Landfill)			1.00	PCT	20.00	18.17
Fuel Surcharge - Landfill			1.00	PCT	13.11	11.91
e-Manifest (Landfill)			1.00	ECH	25.00	25.00
\$20/TON ODEQ						0.80
Profile # :OR352234						0.00
Generator #:PACIFIC POWER 6504 POSTMA RD YAKIMA WA 9890						0.00
Manifest # :017327642FLE						0.00
PO# :8441PP						0.00
Ticket Total						121.71
Total Current Charges						121.71



2022

491589

Please print or type **E/R Provider: NWFF Environmental 1-800 942-4814** Job No: **8441PP** Form Approved, CMR No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 40 CFR Part 761		2. Page 1 of 1	3. Emergency Response Phone 1-800 942-4814	4. Manifest Tracking Number 017327642 FLE	
5. Generator's Name and Mailing Address Pacific Power 825 NE Multnomah Suite 1700 Portland OR 97232				Generator's Site Address (if different than mailing address) Pacific Power 8504 Postma Road Yakima WA 98901			
Generator's Phone: 503 813-0031							
6. Transporter 1 Company Name NWFF Environmental				U.S. EPA ID Number OR0000015735			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address Chemical Waste Management of the NW, Inc. 17629 Cedar Springs Lane Arlington OR 97812				U.S. EPA ID Number			
Facility's Phone: 541 454-2843				U.S. EPA ID Number OR0089452353			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol	13. Waste Codes	
		No.	Type				
XX	UN3432 Polychlorinated Biphenyls, Solid Mixture 9, PG II	OR352234	1 DM	32 317	K	WPCB	X002
				Bms 10-26-22			
14. Special Handling Instructions and Additional Information 1. OR352234 - PCB01 - PCB-impacted Soil & Debris, NAERG (171)							
Unique ID Number: 8441-001							
Out of Service Date: 08/22/22							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. I export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name On Behalf of Pacific Power/Darrel E. Whitmore				Signature  Month Day Year 10 20 22			
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Lacy Harris				Signature  Month Day Year 10 20 22			
Transporter 2 Printed/Typed Name				Signature Month Day Year			
18. Discrepancy							
18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection 11.1 Quantity changed to 32 K per Darrel Whitmore/NWFF, Bms 10-26-22							
18b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number							
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H32		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Principal's Printed Name Dawn Dwyer				Signature  Month Day Year 10 20 22			

10/20/22
Bms



CWM OF THE NORTHWEST
Federal EPA ID: ORD089452353
17629 CEDAR SPRINGS LANE
ARLINGTON, OR 97812

~~4433~~

8441

PACIFIC POWER
ATTN: MANIFEST SECTION
WAZ000011955
6504 POSTMA ROAD
YAKIMA WA 98901

CERTIFICATE OF DISPOSAL

CWM OF THE NORTHWEST, EPA ID: ORD089452353, has received waste material from PACIFIC POWER on 10/20/22 as described on Shipping Document number 017327642FLE. CWM OF THE NORTHWEST hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: OR352234
CWM Tracking ID: 49158901

Process	CWM Unit	Xfer Date	Site Location	Gen #
-----	-----	-----	-----	-----
801 DRUM/PCB/SOLID/LANDFI	1*0	10/21/22	LANDFILL 14	8441-001



CWM OF THE NORTHWEST
Federal EPA ID: ORD089452353
17629 CEDAR SPRINGS LANE
ARLINGTON, OR 97812

PACIFIC POWER
ATTN: MANIFEST SECTION
WAZ000011955
6504 POSTMA ROAD
YAKIMA WA 98901

CERTIFICATE OF DISPOSAL

CWM OF THE NORTHWEST, EPA ID: ORD089452353, has received waste material from PACIFIC POWER on 10/20/22 as described on Shipping Document number 017327642FLE. CWM OF THE NORTHWEST hereby certifies that the above described material was landfilled in accordance with the 40 CFR part 761 as it pertains to the land disposal of polychlorinated biphenyl contaminated materials.

Profile Number: OR352234
CWM Tracking ID: 49158901

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C 1001 and 15 U.S.C. 2615) I certify that the information contained in or accompanying this document is true accurate and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true accurate and complete.

Becky Sumner

CWMNW RECORDS DEPARTMENT
Certificate # 266201
10/26/22

Attachment E